CPC COOPERATIVE PATENT CLASSIFICATION

C CHEMISTRY; METALLURGY

(NOTES omitted)

CHEMISTRY

- C10 PETROLEUM, GAS OR COKE INDUSTRIES; TECHNICAL GASES CONTAINING CARBON MONOXIDE; FUELS; LUBRICANTS; PEAT
- C10M LUBRICATING COMPOSITIONS (well drilling compositions C09K 8/02); USE OF CHEMICAL SUBSTANCES EITHER ALONE OR AS LUBRICATING INGREDIENTS IN A LUBRICATING COMPOSITION ({lubricants for medical use A61} ; mould release, i.e. separating, agents for metals B22C 3/00, for plastics or substances in a plastic state, in general B29C 33/56, for glass C03B 40/02; use of particular substances in particular apparatus or conditions, see F16N or the relevant groups for the application, e.g. A21D 8/08, B21C 9/00, H01B 3/18; immersion oils for microscopy G02B 21/33)

NOTES

- 1. In this subclass, the following terms are used with the meanings indicated:
 - "lubricant" or "lubricating composition" includes cutting oils, hydraulic fluids, metal drawing compositions, flushing oils, slushing oils, or the like;
 - "aliphatic" includes "cycloaliphatic".
- 2. In respect of the classification of mixtures, attention is drawn to Note (4) (e) below.
- 3. In this subclass, in the absence of an indication to the contrary, classification is made in the last appropriate place. Thus, a compound having an aromatic ring is classified as aromatic regardless of whether the substituent(s) of interest are on the ring or on an aliphatic part of the molecule.
- 4. In this subclass:
 - a. metal or ammonium salts of a compound are classified as that compound;
 - b. salts or adducts formed between two or more organic compounds are classified according to all compounds forming the salt or adduct, if of interest;
 - a specified compound, e.g. phenols, acids, substituted by a macromolecular hydrocarbon radical is classified as that compound;
 - d. base-materials or thickeners or additives consisting of a mixture for which no specific main group is provided are classified in the most indented group covering all essential constituents of the mixture, for example,
 - a base-material mixture of ketone and amide group C10M 105/00
 - a base-material mixture of ketone and ether group C10M 105/08
 - an additive mixture of long and short chain esters group C10M 129/00
 - an additive mixture of short chain aliphatic and aromatic carboxylic acids- group C10M 129/26;
 - e. except for aqueous lubricating compositions containing more than 10% water, which are classified separately, classification is made according to the type of ingredient or mixture of types of ingredient (base-material, thickener or additive) which characterises the composition. Attention is drawn to the fact that a mixture of essential ingredients characterised by only one of its components, rather than by the mixture as a whole, is not classified as a mixture, e.g. a lubricating composition consisting of:
 - a known base-material and a new additive is classified only in the "additive" part of the classification scheme;
 - a known base-material with both a thickener and a further additive as essential ingredients, which may be individually classified as a mixture of thickener and additive;
 - known base-material with a combination of additives as essential ingredients, which may be individually known or not, is classified in the appropriate place for the additive mixture.
- 5. In this subclass, it is desirable to add the indexing codes of:
 - subclass C10M, relating to the chemical constitution of individual compounds of the lubricating compositions;
 - subclass <u>C10N</u>, relating to physico-chemical aspects of the lubricating compositions or of their compounding ingredients. For more information about the way of allocating these indexing codes, see the notes after the titles of the respective subclasses.
- 6. In this subclass, until May 2003, indexing codes were added, relating to:
 - each of the essential ingredients of a mixture. However, in the case of an aqueous lubricating composition covered by group <u>C10M 173/00</u>, the presence of water is not indicated;
 - each of the essential reactants of a reaction product covered by groups <u>C10M 109/02</u>, <u>C10M 121/04</u> or <u>C10M 159/12</u>
 The indexing codes, which are chosen from groups <u>C10M 101/00</u> <u>C10M 109/00</u>, <u>C10M 113/00</u> <u>C10M 121/00</u>,
 <u>C10M 125/00</u> <u>C10M 139/00</u>, <u>C10M 143/00</u> <u>C10M 155/00</u>, <u>C10M 159/00</u> or <u>C10M 163/00</u> <u>C10M 167/00</u>, were given using Combination Sets.

IPC3 groups **C10M**

C10M

(continued)

7. In this subclass, until May 2003, the indexing codes of subclass C10N were added. Documents classified with Combination Sets according to internal Notes 2), 3) and 5) are in the state of being reclassified according to Note 1).

WARNINGS

- 1. The following groups are no longer used for the classification of new documents from January, 1978:
 - <u>C10M 1/00</u> <u>C10M 7/00</u>

The backlog of these groups is continuously being reclassified in groups $\underline{\text{C10M }101/00}$ - $\underline{\text{C10M }177/00}$.

2. In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the

IPC3 groups		105/16	having hydroxy groups bound to a carbon atom of
1/00	{Liquid compositions essentially based on	105/10	a six-membered aromatic ring
	mineral lubricating oils or fatty oils; Their use as	105/18	. Ethers, e.g. epoxides
	lubricants}	105/20	. Aldehydes; Ketones
1/08	• {with additives}	105/22	. Carboxylic acids or their salts
3/00	{Liquid compositions essentially based on lubricating components other than mineral	105/24	 having only one carboxyl group bound to an acyclic carbon atom, cycloaliphatic carbon atom or hydrogen
	lubricating oils or fatty oils and their use as lubricants; Use as lubricants of single liquid substances (compositions in general essentially based	105/26	having more than one carboxyl group bound to an acyclic carbon atom or cycloaliphatic carbon atom
	on macromolecular compounds <u>C08L</u>)}	105/28	• • • having only one carboxyl group bound to a carbon atom of a six-membered aromatic ring
5/00	{Solid or semi-solid compositions containing as the essential lubricating ingredient mineral lubricating oils or fatty oils and their use}	105/30	• • • having more than one carboxyl group bound to a carbon atom of a six-membered aromatic ring
7/00	(Calidan comi calida como citico a constituio	105/32	Esters
7/00	{Solid or semi-solid compositions essentially based on lubricating components other than	105/34	of monocarboxylic acids
	mineral lubricating oils or fatty oils and their use	105/36	of polycarboxylic acids
	as lubricants; Use as lubricants of single solid	105/38	of polyhydroxy compounds
	or semi-solid substances (compositions in general	105/40	containing free hydroxy or carboxyl groups
	essentially based on macromolecular compounds C08L)}	105/42	Complex esters, i.e. compounds containing at least three esterified carboxyl groups and derived from the combination of at least three
Base-Materia	<u>ls</u>		different types of the following five types of compound: monohydroxy compounds,
101/00	Lubricating compositions characterised by the base-material being a mineral or fatty oil		polyhydroxy compounds, monocarboxylic acids, polycarboxylic acids and hydroxy carboxylic acids
101/02	(containing more than 10% water <u>C10M 173/00</u>)	105/44	derived from the combination of
	• Petroleum fractions	103/44	monocarboxylic acids, dicarboxylic acids
101/025 101/04	• {waxes}• Fatty oil fractions		and dihydroxy compounds only and having no free hydroxy or carboxyl groups
103/00	Lubricating compositions characterised by the base-material being an inorganic material (containing more than 10% water <u>C10M 173/00</u>)	105/46	derived from the combination of monohydroxy compounds, dihydroxy compounds and dicarboxylic acids only and
103/02	Carbon; Graphite		having no free hydroxy or carboxyl groups
103/04	• Metals; Alloys	105/48	of carbonic acid
103/06	Metal compounds	105/50	 containing halogen
105/00	Lubricating compositions characterised by the	105/52	 containing carbon, hydrogen and halogen only
105/00	base-material being a non-macromolecular organic	105/525	• • • {halogenated waxes}
	compound	105/54	containing carbon, hydrogen, halogen and oxygen
105/02	• Well-defined hydrocarbons (petroleum fractions	105/56	 containing nitrogen
105/04	<u>C10M 101/02</u>)	105/58	 Amines, e.g. polyalkylene polyamines, quaternary amines (polyalkylene polyamines with eleven or
105/04	aliphaticaromatic		more monomer units C10M 107/44)
105/08	containing oxygen	105/60	having amino groups bound to an acyclic or
105/08	having hydroxy groups bound to acyclic or		cycloaliphatic carbon atom
105/10	cycloaliphatic carbon atoms	105/62	containing hydroxy groups
105/12	monohydroxy	105/64	having amino groups bound to a carbon atom
105/12	polyhydroxy		of a six-membered aromatic ring
105/17	· · · polymyddoxy	105/66	containing hydroxy groups

Base-Materials C10M

105/68 105/70	 Amides; Imides as ring hetero atom	111/00	Lubrication compositions characterised by the base-material being a mixture of two or more
105/70	containing sulfur, selenium or tellurium		compounds covered by more than one of the main
105/74	containing short, secondari of tentifulif containing phosphorus		groups <u>C10M 101/00</u> - <u>C10M 109/00</u> , each of these
105/74	 containing phosphorus containing silicon 		compounds being essential
105/78	containing sincon containing boron	111/02	. at least one of them being a non-macromolecular
105/78	 containing atoms of elements not provided for in 		organic compound
105/80	groups C10M 105/02 - C10M 105/78	111/04	 at least one of them being a macromolecular organic compound
107/00	Lubricating compositions characterised by the base-material being a macromolecular compound	111/06	. at least one of them being a compound of the type covered by group $\underline{\text{C10M 109/00}}$
107/02	Hydrocarbon polymers; Hydrocarbon polymers modified by oxidation	Thickeners	
107/04	Polyethene	NOTE	
107/06	containing propene	In groups	C10M 113/00-C10M 123/00, the following term is used
107/08	containing butene		meaning indicated:
107/10	containing aliphatic monomer having more than 4 carbon atoms	• "thicke	ener" is an agent which solidifies other liquid onents to form a grease. Solid lubricants
107/12	containing aromatic monomer, e.g. styrene		ting of solid components are classified in groups
107/14	containing conjugated diens		103/00 - C10M 111/00.
107/16	containing non-conjugated diene		
107/18	Hydrocarbon polymers modified by oxidation	113/00	Lubricating compositions characterised by the
107/20	• containing oxygen (<u>C10M 107/18</u> takes precedence)		thickening agent being an inorganic material
107/22	Macromolecular compounds obtained by	113/02	Carbon; Graphite
	reactions only involving carbon-to-carbon	113/04	. Sulfur
105/04	unsaturated bonds	113/06	Metals; Alloys
107/24	containing monomers having an unsaturated	113/08	Metal compounds
	radical bound to an alcohol, aldehyde, ketonic,	113/10	· Clays; Micas
107/26	ether, ketal or acetal radical	113/12	. Silica
107/26	containing monomers having an unsaturated radical bound to an acyloxy radical of a	113/14	• Glass
	saturated carboxylic or carbonic acid	113/16	. Inorganic material treated with organic compounds,
107/28	containing monomers having an unsaturated		e.g. coated
107720	radical bound to a carboxyl radical, e.g.	115/00	Lubricating compositions characterised by the
107/30	acrylate . Macromolecular compounds obtained otherwise	115/00	thickener being a non-macromolecular organic compound other than a carboxylic acid or salt
	than by reactions only involving carbon-to-carbon		thereof
107/20	unsaturated bonds	115/02	• Hydrocarbons (petroleum fractions <u>C10M 121/02</u>)
107/32	Condensation polymers of aldehydes or	115/04	 containing oxygen
107/24	ketones; Polyesters; Polyethers	115/06	 containing halogen
107/34	Polyoxyalkylenes	115/08	 containing nitrogen
107/36	Polysaccharides, e.g. cellulose	115/10	 containing sulfur
107/38 107/40	containing halogen	115/12	 containing phosphorus
107/40	containing nitrogenMacromolecular compounds obtained by	117/00	Lubricating compositions characterised by the
107/42	reactions only involving carbon-to-carbon unsaturated bonds	117700	thickener being a non-macromolecular carboxylic acid or salt thereof
107/44	Macromolecular compounds obtained otherwise	117/02	 having only one carboxyl group bound to an acyclic carbon atom, cycloaliphatic carbon atom or
	than by reactions only involving carbon-to-carbon unsaturated bonds		hydrogen
107/46		117/04	containing hydroxy groups
107/48	containing sulfur	117/06	 having more than one carboxyl group bound to an
107/48	containing phosphoruscontaining silicon	//00	acyclic carbon atom or cycloaliphatic carbon atom
107/52	containing sincon containing boron	117/08	 having only one carboxyl group bound to a carbon
107/54	 containing atoms of elements not provided for in 		atom of a six-membered aromatic ring
107/34	groups C10M 107/02 - C10M 107/52	117/10	 having more than one carboxyl group bound to a carbon atom of a six-membered aromatic ring
109/00	Lubricating compositions characterised by the base-material being a compound of unknown or	119/00	Lubricating compositions characterised by the
	incompletely defined constitution (C10M 101/00	110/02	thickener being a macromolecular compound
	takes precedence)	119/02	 Hydrocarbon polymers; Hydrocarbon polymers modified by oxidation
109/02	Reaction products	119/04	containing oxygen (hydrocarbon polymers modified
		11 <i>7</i> /U4	by oxidation <u>C10M 119/02</u>)

Thickeners C10M

119/06	Macromolecular compounds obtained by	125/26	. Compounds containing silicon or boron, e.g. silica,
	reactions only involving carbon-to-carbon		sand
	unsaturated bonds	125/28	Glass
119/08	containing monomers having an unsaturated	125/30	Clay
	radical bound to an alcohol, aldehdo, ketonic, ether, ketal or acetal radical	127/00	Lubricating compositions characterised by
110/10	•	127,00	the additive being a non- macromolecular
119/10	containing monomers having an unsaturated radical bound to an acyloxy radical of a		hydrocarbon (petroleum fractions <u>C10M 159/04</u>)
	saturated carboxylic or carbonic acid	127/02	 well-defined aliphatic
119/12	containing monomers having an unsaturated	127/04	well-defined aromatic
117/12	radical bound to a carboxyl radical, e.g.	127/06	Alkylated aromatic hydrocarbons
	acrylate		
119/14	Macromolecular compounds obtained otherwise	129/00	Lubricating compositions characterised by the
	than by reactions only involving carbon-to-carbon		additive being an organic non-macromolecular
	unsaturated bonds	120/02	compound containing oxygen
119/16	Condensation polymers of aldehydes or	129/02	• having a carbon chain of less than 30 atoms
	ketones; Polyesters; Polyethers	129/04	Hydroxy compounds
119/18	Polyoxyalkylenes	129/06	 having hydroxy groups bound to acyclic or cycloaliphatic carbon atoms
119/20	 Polysaccharides, e.g. cellulose 	129/08	containing at least 2 hydroxy groups
119/22	 containing halogen 	129/10	 having hydroxy groups bound to a carbon atom
119/24	 containing nitrogen 	129/10	of a six-membered aromatic ring
119/26	 containing sulfur 	129/12	with condensed rings
119/28	 containing phosphorus 	129/14	containing at least 2 hydroxy groups
119/30	 containing atoms of elements not provided for in 	129/16	. Ethers
	groups <u>C10M 119/02</u> - <u>C10M 119/28</u>	129/18	Epoxides
121/00	Lubricating compositions characterised by the	129/20	Cyclic ethers having 4 or more ring atoms, e.g.
121/00	thickener being a compound of unknown or	12)/20	furans, dioxolanes
	incompletely defined constitution	129/22	Peroxides; Ozonides
121/02	Petroleum fractions, e.g. tars	129/24	Aldehydes; Ketones
121/04	• Reaction products	129/26	Carboxylic acids; Salts thereof
	•	129/28	having carboxyl groups bound to acyclic or
123/00	Lubricating compositions characterised by	125,20	cycloaliphatic carbon atoms
	the thickener being a mixture of two or more	100/00	
		129/30	• • • having / or less carbon atoms
	compounds covered by more than one of the main	129/30 129/32	having 7 or less carbon atoms monocarboxylic
	compounds covered by more than one of the main groups <u>C10M 113/00</u> - <u>C10M 121/00</u> , each of these	129/32	monocarboxylic
	compounds covered by more than one of the main groups <u>C10M 113/00</u> - <u>C10M 121/00</u> , each of these compounds being essential (inorganic materials	129/32 129/34	monocarboxylic polycarboxylic
123/02	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16)	129/32	 monocarboxylic polycarboxylic containing hydroxy groups
123/02	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) . at least one of them being a non-macromolecular	129/32 129/34 129/36	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms
123/02 123/04	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound	129/32 129/34 129/36 129/38	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic
	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) . at least one of them being a non-macromolecular	129/32 129/34 129/36 129/38 129/40	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic polycarboxylic
	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound at least one of them being a macromolecular	129/32 129/34 129/36 129/38 129/40 129/42	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic
123/04	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound at least one of them being a macromolecular compound	129/32 129/34 129/36 129/38 129/40 129/42 129/44	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic polycarboxylic containing hydroxy groups cycloaliphatic
123/04 123/06	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound at least one of them being a macromolecular compound at least one of them being a compound of the type	129/32 129/34 129/36 129/38 129/40 129/42 129/44 129/46	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic polycarboxylic containing hydroxy groups
123/04	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound at least one of them being a macromolecular compound at least one of them being a compound of the type	129/32 129/34 129/36 129/38 129/40 129/42 129/44 129/46	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic polycarboxylic containing hydroxy groups cycloaliphatic having carboxyl groups bound to a carbon atom
123/04 123/06 Additives	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound at least one of them being a macromolecular compound at least one of them being a compound of the type covered by group C10M 121/00	129/32 129/34 129/36 129/38 129/40 129/42 129/44 129/46 129/48	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic polycarboxylic containing hydroxy groups cycloaliphatic having carboxyl groups bound to a carbon atom of a six-membered aromatic ring
123/04 123/06	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound at least one of them being a macromolecular compound at least one of them being a compound of the type covered by group C10M 121/00 Lubricating compositions characterised by the	129/32 129/34 129/36 129/38 129/40 129/42 129/44 129/46 129/48	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic polycarboxylic containing hydroxy groups cycloaliphatic having carboxyl groups bound to a carbon atom of a six-membered aromatic ring monocarboxylic
123/04 123/06 Additives 125/00	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound at least one of them being a macromolecular compound at least one of them being a compound of the type covered by group C10M 121/00 Lubricating compositions characterised by the additive being an inorganic material	129/32 129/34 129/36 129/38 129/40 129/42 129/44 129/46 129/48 129/50 129/52	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic polycarboxylic containing hydroxy groups cycloaliphatic having carboxyl groups bound to a carbon atom of a six-membered aromatic ring monocarboxylic polycarboxylic polycarboxylic
123/04 123/06 Additives 125/00 125/02	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound at least one of them being a macromolecular compound at least one of them being a compound of the type covered by group C10M 121/00 Lubricating compositions characterised by the additive being an inorganic material Carbon; Graphite	129/32 129/34 129/36 129/38 129/40 129/42 129/44 129/46 129/48 129/50 129/52 129/54	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic polycarboxylic containing hydroxy groups cycloaliphatic . having carboxyl groups bound to a carbon atom of a six-membered aromatic ring . monocarboxylic . polycarboxylic . containing hydroxy groups
123/04 123/06 Additives 125/00 125/02 125/04	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound at least one of them being a macromolecular compound at least one of them being a compound of the type covered by group C10M 121/00 Lubricating compositions characterised by the additive being an inorganic material	129/32 129/34 129/36 129/38 129/40 129/42 129/44 129/46 129/48 129/50 129/52 129/54	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic polycarboxylic containing hydroxy groups cycloaliphatic . having carboxyl groups bound to a carbon atom of a six-membered aromatic ring . monocarboxylic polycarboxylic polycarboxylic containing hydroxy groups . Acids of unknown or incompletely defined constitution . Naphthenic acids
123/04 123/06 Additives 125/00 125/02 125/04 125/06	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound at least one of them being a macromolecular compound at least one of them being a compound of the type covered by group C10M 121/00 Lubricating compositions characterised by the additive being an inorganic material Carbon; Graphite Metals; Alloys Sulfur	129/32 129/34 129/36 129/38 129/40 129/42 129/44 129/46 129/48 129/50 129/52 129/54 129/56	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic polycarboxylic containing hydroxy groups cycloaliphatic . having carboxyl groups bound to a carbon atom of a six-membered aromatic ring . monocarboxylic polycarboxylic polycarboxylic containing hydroxy groups . Acids of unknown or incompletely defined constitution
123/04 123/06 Additives 125/00 125/02 125/04 125/06 125/08	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound at least one of them being a macromolecular compound at least one of them being a compound of the type covered by group C10M 121/00 Lubricating compositions characterised by the additive being an inorganic material Carbon; Graphite Metals; Alloys Sulfur Metal carbides or hydrides	129/32 129/34 129/36 129/38 129/40 129/42 129/44 129/46 129/48 129/50 129/52 129/54 129/56	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic polycarboxylic containing hydroxy groups cycloaliphatic . having carboxyl groups bound to a carbon atom of a six-membered aromatic ring . monocarboxylic polycarboxylic polycarboxylic containing hydroxy groups . Acids of unknown or incompletely defined constitution . Naphthenic acids
123/04 123/06 Additives 125/00 125/02 125/04 125/06	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound at least one of them being a macromolecular compound at least one of them being a compound of the type covered by group C10M 121/00 Lubricating compositions characterised by the additive being an inorganic material Carbon; Graphite Metals; Alloys Sulfur	129/32 129/34 129/36 129/38 129/40 129/42 129/44 129/46 129/48 129/50 129/52 129/54 129/56	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic polycarboxylic containing hydroxy groups cycloaliphatic having carboxyl groups bound to a carbon atom of a six-membered aromatic ring monocarboxylic polycarboxylic polycarboxylic containing hydroxy groups Acids of unknown or incompletely defined constitution Naphthenic acids Tall oil acids
123/04 123/06 Additives 125/00 125/02 125/04 125/06 125/08	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound at least one of them being a macromolecular compound at least one of them being a compound of the type covered by group C10M 121/00 Lubricating compositions characterised by the additive being an inorganic material Carbon; Graphite Metals; Alloys Sulfur Metal carbides or hydrides Metal oxides, hydroxides, carbonates or	129/32 129/34 129/36 129/38 129/40 129/42 129/44 129/46 129/48 129/50 129/52 129/54 129/56 129/56 129/60 129/62 129/64	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic polycarboxylic containing hydroxy groups cycloaliphatic . having carboxyl groups bound to a carbon atom of a six-membered aromatic ring monocarboxylic polycarboxylic polycarboxylic containing hydroxy groups . Acids of unknown or incompletely defined constitution . Naphthenic acids Tall oil acids Rosin acids . Acids obtained from polymerised unsaturated acids
123/04 123/06 Additives 125/00 125/02 125/04 125/06 125/08 125/10	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound at least one of them being a macromolecular compound at least one of them being a compound of the type covered by group C10M 121/00 Lubricating compositions characterised by the additive being an inorganic material Carbon; Graphite Metals; Alloys Sulfur Metal carbides or hydrides Metal oxides, hydroxides, carbonates or bicarbonates	129/32 129/34 129/36 129/38 129/40 129/42 129/44 129/46 129/48 129/50 129/52 129/54 129/56 129/60 129/62 129/64	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic polycarboxylic containing hydroxy groups cycloaliphatic . having carboxyl groups bound to a carbon atom of a six-membered aromatic ring monocarboxylic polycarboxylic containing hydroxy groups . Acids of unknown or incompletely defined constitution . Naphthenic acids Tall oil acids Rosin acids . Acids obtained from polymerised unsaturated acids . Epoxidised acids or esters
123/04 123/06 Additives 125/00 125/02 125/04 125/06 125/08 125/10 125/12	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound at least one of them being a macromolecular compound at least one of them being a compound of the type covered by group C10M 121/00 Lubricating compositions characterised by the additive being an inorganic material Carbon; Graphite Metals; Alloys Sulfur Metal carbides or hydrides Metal oxides, hydroxides, carbonates or bicarbonates Metal carbonyls	129/32 129/34 129/36 129/38 129/40 129/42 129/44 129/46 129/48 129/50 129/52 129/54 129/56 129/60 129/62 129/64	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic polycarboxylic containing hydroxy groups cycloaliphatic . having carboxyl groups bound to a carbon atom of a six-membered aromatic ring monocarboxylic polycarboxylic containing hydroxy groups . Acids of unknown or incompletely defined constitution . Naphthenic acids Tall oil acids Rosin acids . Acids obtained from polymerised unsaturated acids . Epoxidised acids or esters . Esters (epoxidised C10M 129/66)
123/04 123/06 Additives 125/00 125/02 125/04 125/06 125/08 125/10 125/12	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound at least one of them being a macromolecular compound at least one of them being a compound of the type covered by group C10M 121/00 Lubricating compositions characterised by the additive being an inorganic material Carbon; Graphite Metals; Alloys Sulfur Metal carbides or hydrides Metal oxides, hydroxides, carbonates or bicarbonates Metal carbonyls Water (aqueous lubricating compositions containing	129/32 129/34 129/36 129/38 129/40 129/42 129/44 129/46 129/48 129/50 129/52 129/54 129/56 129/60 129/62 129/64 129/68 129/68 129/68 129/70	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic polycarboxylic containing hydroxy groups cycloaliphatic having carboxyl groups bound to a carbon atom of a six-membered aromatic ring monocarboxylic polycarboxylic containing hydroxy groups . Acids of unknown or incompletely defined constitution . Naphthenic acids Tall oil acids Rosin acids . Acids obtained from polymerised unsaturated acids . Epoxidised acids or esters . Esters (epoxidised C10M 129/66) . of monocarboxylic acids
123/04 123/06 Additives 125/00 125/02 125/04 125/06 125/08 125/10 125/12 125/14	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound at least one of them being a macromolecular compound at least one of them being a compound of the type covered by group C10M 121/00 Lubricating compositions characterised by the additive being an inorganic material Carbon; Graphite Metals; Alloys Sulfur Metal carbides or hydrides Metal oxides, hydroxides, carbonates or bicarbonates Metal carbonyls Water (aqueous lubricating compositions containing more than 10% water C10M 173/00) Hydrogen peroxide; Oxygenated water Compounds containing halogen	129/32 129/34 129/36 129/38 129/40 129/42 129/44 129/46 129/48 129/50 129/52 129/54 129/56 129/60 129/62 129/64 129/66 129/68 129/70 129/72	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic polycarboxylic containing hydroxy groups cycloaliphatic . having carboxyl groups bound to a carbon atom of a six-membered aromatic ring . monocarboxylic polycarboxylic containing hydroxy groups . Acids of unknown or incompletely defined constitution . Naphthenic acids Tall oil acids Rosin acids Acids obtained from polymerised unsaturated acids . Epoxidised acids or esters . Esters (epoxidised C10M 129/66) . of monocarboxylic acids . of polycarboxylic acids
123/04 123/06 Additives 125/00 125/02 125/04 125/06 125/08 125/10 125/12 125/14 125/16	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound at least one of them being a macromolecular compound at least one of them being a compound of the type covered by group C10M 121/00 Lubricating compositions characterised by the additive being an inorganic material Carbon; Graphite Metals; Alloys Sulfur Metal carbides or hydrides Metal oxides, hydroxides, carbonates or bicarbonates Metal carbonyls Water (aqueous lubricating compositions containing more than 10% water C10M 173/00) Hydrogen peroxide; Oxygenated water Compounds containing halogen Compounds containing nitrogen	129/32 129/34 129/36 129/38 129/40 129/42 129/44 129/46 129/48 129/50 129/52 129/54 129/56 129/60 129/62 129/64 129/66 129/68 129/70 129/72 129/74	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic polycarboxylic containing hydroxy groups cycloaliphatic . having carboxyl groups bound to a carbon atom of a six-membered aromatic ring monocarboxylic polycarboxylic containing hydroxy groups . Acids of unknown or incompletely defined constitution . Naphthenic acids Tall oil acids Rosin acids . Acids obtained from polymerised unsaturated acids . Epoxidised acids or esters . Esters (epoxidised C10M 129/66) . of monocarboxylic acids . of polycarboxylic acids . of polyhydroxy compounds
123/04 123/06 Additives 125/00 125/02 125/04 125/06 125/08 125/10 125/12 125/14 125/16 125/18 125/20 125/22	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound at least one of them being a macromolecular compound at least one of them being a compound of the type covered by group C10M 121/00 Lubricating compositions characterised by the additive being an inorganic material Carbon; Graphite Metals; Alloys Sulfur Metal carbides or hydrides Metal oxides, hydroxides, carbonates or bicarbonates Metal carbonyls Water (aqueous lubricating compositions containing more than 10% water C10M 173/00) Hydrogen peroxide; Oxygenated water Compounds containing nitrogen Compounds containing nitrogen	129/32 129/34 129/36 129/38 129/40 129/42 129/44 129/46 129/48 129/50 129/52 129/54 129/56 129/60 129/62 129/64 129/66 129/68 129/70 129/72	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic polycarboxylic containing hydroxy groups cycloaliphatic . having carboxyl groups bound to a carbon atom of a six-membered aromatic ring . monocarboxylic polycarboxylic containing hydroxy groups . Acids of unknown or incompletely defined constitution . Naphthenic acids Tall oil acids Rosin acids Acids obtained from polymerised unsaturated acids . Epoxidised acids or esters . Esters (epoxidised C10M 129/66) . of monocarboxylic acids . of polycarboxylic acids
123/04 123/06 Additives 125/00 125/02 125/04 125/06 125/08 125/10 125/12 125/14 125/16 125/18 125/20	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound at least one of them being a macromolecular compound at least one of them being a compound of the type covered by group C10M 121/00 Lubricating compositions characterised by the additive being an inorganic material Carbon; Graphite Metals; Alloys Sulfur Metal carbides or hydrides Metal oxides, hydroxides, carbonates or bicarbonates Metal carbonyls Water (aqueous lubricating compositions containing more than 10% water C10M 173/00) Hydrogen peroxide; Oxygenated water Compounds containing halogen Compounds containing sulfur, selenium or tellurium Compounds containing phosphorus, arsenic or	129/32 129/34 129/36 129/38 129/40 129/42 129/44 129/46 129/48 129/50 129/52 129/54 129/56 129/60 129/62 129/64 129/66 129/68 129/70 129/72 129/74	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic polycarboxylic containing hydroxy groups cycloaliphatic . having carboxyl groups bound to a carbon atom of a six-membered aromatic ring monocarboxylic polycarboxylic containing hydroxy groups . Acids of unknown or incompletely defined constitution . Naphthenic acids Tall oil acids Rosin acids . Acids obtained from polymerised unsaturated acids . Epoxidised acids or esters . Esters (epoxidised C10M 129/66) . of monocarboxylic acids . of polycarboxylic acids . of polyhydroxy compounds
123/04 123/06 Additives 125/00 125/02 125/04 125/06 125/08 125/10 125/12 125/14 125/16 125/18 125/20 125/22	compounds covered by more than one of the main groups C10M 113/00 - C10M 121/00, each of these compounds being essential (inorganic materials coated with organic compounds C10M 113/16) at least one of them being a non-macromolecular compound at least one of them being a macromolecular compound at least one of them being a compound of the type covered by group C10M 121/00 Lubricating compositions characterised by the additive being an inorganic material Carbon; Graphite Metals; Alloys Sulfur Metal carbides or hydrides Metal oxides, hydroxides, carbonates or bicarbonates Metal carbonyls Water (aqueous lubricating compositions containing more than 10% water C10M 173/00) Hydrogen peroxide; Oxygenated water Compounds containing nitrogen Compounds containing nitrogen	129/32 129/34 129/36 129/38 129/40 129/42 129/44 129/46 129/48 129/50 129/52 129/54 129/56 129/60 129/62 129/64 129/66 129/68 129/70 129/72 129/74	 monocarboxylic polycarboxylic containing hydroxy groups having 8 or more carbon atoms monocarboxylic polycarboxylic containing hydroxy groups cycloaliphatic . having carboxyl groups bound to a carbon atom of a six-membered aromatic ring monocarboxylic polycarboxylic containing hydroxy groups . Acids of unknown or incompletely defined constitution . Naphthenic acids Tall oil acids Rosin acids . Acids obtained from polymerised unsaturated acids . Epoxidised acids or esters . Esters (epoxidised C10M 129/66) . of monocarboxylic acids . of polycarboxylic acids . of polyhydroxy compounds

Additives C10M

129/78	Complex esters, i.e. compounds containing	133/32	containing a nitro group
	at least three esterified carboxyl groups and	133/34	containing a nitroso group
	derived from the combination of at least three	133/36	Hydroxylamines
	different types of the following five types	133/38	Heterocyclic nitrogen compounds
	of compound: monohydroxy compounds,	133/40	Six-membered ring containing nitrogen and
	polyhydroxy compounds, monocarboxylic		carbon only
	acids, polycarboxylic acids, hydroxy carboxylic	133/42	Triazines
120/00	acids	133/44	Five-membered ring containing nitrogen and
129/80	derived from the combination of		carbon only
	monocarboxylic acids, dicarboxylic acids	133/46	Imidazoles
	and dihydroxy compounds only and having	133/48	the ring containing both nitrogen and oxygen
120/92	no free hydroxy or carboxyl groups	133/50	Morpholines
129/82	derived from the combination of monohydroxy compounds, dihydroxy	133/52	• having a carbon chain of 30 or more atoms
	compounds and dicarboxylic acids only and	133/54	Amines
	having no free hydroxy or carboxyl groups	133/56	Amides; Imides
129/84	of carbonic acid	133/58	Heterocyclic compounds
129/86	 having a carbon chain of 30 or more atoms 	133/30	· · · recordey one compounds
	_	135/00	Lubricating compositions characterised by the
129/88	Hydroxy compounds		additive being an organic non-macromolecular
129/90	having hydroxy groups bound to acyclic or		compound containing sulfur, selenium or tellurium
120/01	cycloaliphatic carbon atoms	135/02	Sulfurised compounds
129/91	having hydroxy groups bound to a carbon atom	135/04	Hydrocarbons
120/02	of a six-membered aromatic ring	135/06	. Esters, e.g. fats
129/92	. Carboxylic acids	135/08	 containing a sulfur-to-oxygen bond
129/93	having carboxyl groups bound to acyclic or	135/10	Sulfonic acids or derivatives thereof
120/04	cycloaliphatic carbon atoms	135/12	. Thio-acids; Thiocyanates; Derivatives thereof
129/94	having carboxyl groups bound to a carbon atom	135/14	having a carbon-to-sulfur double bond
120/05	of a six-membered aromatic ring	135/16	thiourea type, i.e. containing the group
129/95	Esters		S
131/00	Lubricating compositions characterised by the		>N-Ë-N<
	additive being an organic non-macromolecular		
	compound containing halogen	135/18	• • • thiocarbamic type, e.g. containing the groups
131/02	containing carbon, hydrogen and halogen only		S S
121/04			II II
131/04	• aliphatic		NICC OF NICO
131/04	aliphatic aromatic	107/00	>N-C-S- or >N-C-O-
131/06	aromatic	135/20	N−C−S− or N−C−O− Thiols; Sulfides; Polysulfides
131/06 131/08	aromaticcontaining carbon, hydrogen, halogen and oxygen	135/20 135/22	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or
131/06 131/08 131/10	aromaticcontaining carbon, hydrogen, halogen and oxygenAlcohols; Ethers; Aldehydes; Ketones	135/22	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms
131/06 131/08 131/10 131/12	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof 	135/22 135/24	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof
131/06 131/08 131/10	aromaticcontaining carbon, hydrogen, halogen and oxygenAlcohols; Ethers; Aldehydes; Ketones	135/22 135/24 135/26	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof
131/06 131/08 131/10 131/12	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the	135/22 135/24	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom
131/06 131/08 131/10 131/12 131/14	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular	135/22 135/24 135/26 135/28	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring
131/06 131/08 131/10 131/12 131/14	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen	135/22 135/24 135/26 135/28 135/30	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof
131/06 131/08 131/10 131/12 131/14	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen having a carbon chain of less than 30 atoms 	135/22 135/24 135/26 135/28	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof Heterocyclic sulfur, selenium or tellurium
131/06 131/08 131/10 131/12 131/14 133/00	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen having a carbon chain of less than 30 atoms Amines, e.g. polyalkylene polyamines; 	135/22 135/24 135/26 135/28 135/30 135/32	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof Heterocyclic sulfur, selenium or tellurium compounds
131/06 131/08 131/10 131/12 131/14 133/00	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen having a carbon chain of less than 30 atoms Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines 	135/22 135/24 135/26 135/28 135/30 135/32	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof Heterocyclic sulfur, selenium or tellurium compounds the ring containing sulfur and carbon only
131/06 131/08 131/10 131/12 131/14 133/00	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen having a carbon chain of less than 30 atoms Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units 	135/22 135/24 135/26 135/28 135/30 135/32	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof Heterocyclic sulfur, selenium or tellurium compounds the ring containing sulfur and carbon only the ring containing sulfur and carbon with
131/06 131/08 131/10 131/12 131/14 133/00 133/02 133/04	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen having a carbon chain of less than 30 atoms Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 149/22) 	135/22 135/24 135/26 135/28 135/30 135/32	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof Heterocyclic sulfur, selenium or tellurium compounds the ring containing sulfur and carbon only
131/06 131/08 131/10 131/12 131/14 133/00	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen having a carbon chain of less than 30 atoms Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 149/22) having amino groups bound to acyclic or 	135/22 135/24 135/26 135/28 135/30 135/32 135/34 135/36	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof Heterocyclic sulfur, selenium or tellurium compounds the ring containing sulfur and carbon only the ring containing sulfur and carbon with nitrogen or oxygen
131/06 131/08 131/10 131/12 131/14 133/00 133/02 133/04	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen having a carbon chain of less than 30 atoms Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 149/22) having amino groups bound to acyclic or cycloaliphatic carbon atoms 	135/22 135/24 135/26 135/28 135/30 135/32	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof Heterocyclic sulfur, selenium or tellurium compounds the ring containing sulfur and carbon only the ring containing sulfur and carbon with nitrogen or oxygen Lubricating compositions characterised by the
131/06 131/08 131/10 131/12 131/14 133/00 133/02 133/04	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen having a carbon chain of less than 30 atoms Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 149/22) having amino groups bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups 	135/22 135/24 135/26 135/28 135/30 135/32 135/34 135/36	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof Heterocyclic sulfur, selenium or tellurium compounds the ring containing sulfur and carbon only the ring containing sulfur and carbon with nitrogen or oxygen Lubricating compositions characterised by the additive being an organic non-macromolecular
131/06 131/08 131/10 131/12 131/14 133/00 133/02 133/04 133/06 133/08 133/10	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen having a carbon chain of less than 30 atoms Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 149/22) having amino groups bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups cycloaliphatic 	135/22 135/24 135/26 135/28 135/30 135/32 135/34 135/36 137/00	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof Heterocyclic sulfur, selenium or tellurium compounds the ring containing sulfur and carbon only the ring containing sulfur and carbon with nitrogen or oxygen Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing phosphorus
131/06 131/08 131/10 131/12 131/14 133/00 133/02 133/04	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen having a carbon chain of less than 30 atoms Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 149/22) having amino groups bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups cycloaliphatic having amino groups bound to a carbon atom 	135/22 135/24 135/26 135/28 135/30 135/32 135/34 135/36 137/00	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof Heterocyclic sulfur, selenium or tellurium compounds the ring containing sulfur and carbon only the ring containing sulfur and carbon with nitrogen or oxygen Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing phosphorus having no phosphorus-to-carbon bond
131/06 131/08 131/10 131/12 131/14 133/00 133/02 133/04 133/06 133/08 133/10 133/12	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen having a carbon chain of less than 30 atoms Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 149/22) having amino groups bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups having amino groups bound to a carbon atom of a six-membered aromatic ring 	135/22 135/24 135/26 135/28 135/30 135/32 135/34 135/36 137/00	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof Heterocyclic sulfur, selenium or tellurium compounds the ring containing sulfur and carbon only the ring containing sulfur and carbon with nitrogen or oxygen Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing phosphorus having no phosphorus-to-carbon bond Phosphate esters
131/06 131/08 131/10 131/12 131/14 133/00 133/02 133/04 133/06 133/08 133/10 133/12	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen having a carbon chain of less than 30 atoms Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 149/22) having amino groups bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups having amino groups bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups 	135/22 135/24 135/26 135/28 135/30 135/32 135/34 135/36 137/00 137/00	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof Heterocyclic sulfur, selenium or tellurium compounds the ring containing sulfur and carbon only the ring containing sulfur and carbon with nitrogen or oxygen Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing phosphorus having no phosphorus-to-carbon bond Phosphate esters Metal salts
131/06 131/08 131/10 131/12 131/14 133/00 133/02 133/04 133/06 133/08 133/10 133/12	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen having a carbon chain of less than 30 atoms Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 149/22) having amino groups bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups having amino groups bound to a carbon atom of a six-membered aromatic ring 	135/22 135/24 135/26 135/28 135/30 135/32 135/34 135/36 137/00 137/00 137/02 137/06 137/08	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof Heterocyclic sulfur, selenium or tellurium compounds the ring containing sulfur and carbon only the ring containing sulfur and carbon with nitrogen or oxygen Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing phosphorus having no phosphorus-to-carbon bond Phosphate esters Metal salts Ammonium or amine salts
131/06 131/08 131/10 131/12 131/14 133/00 133/02 133/04 133/06 133/08 133/10 133/12	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen having a carbon chain of less than 30 atoms Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 149/22) having amino groups bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups having amino groups bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups Amides; Imides of carbonic or haloformic acids 	135/22 135/24 135/26 135/28 135/30 135/32 135/34 135/36 137/00 137/00 137/02 137/04 137/08 137/08 137/10	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof Heterocyclic sulfur, selenium or tellurium compounds the ring containing sulfur and carbon only the ring containing sulfur and carbon with nitrogen or oxygen Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing phosphorus having no phosphorus-to-carbon bond Phosphate esters Metal salts Ammonium or amine salts Thio derivatives
131/06 131/08 131/10 131/12 131/14 133/00 133/02 133/04 133/06 133/08 133/10 133/12 133/14 133/16	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen having a carbon chain of less than 30 atoms Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 149/22) having amino groups bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups having amino groups bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups Amides; Imides Ureas; Semicarbazides; Allophanates 	135/22 135/24 135/26 135/28 135/30 135/32 135/34 135/36 137/00 137/00 137/02 137/04 137/08 137/10 137/105	N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof Heterocyclic sulfur, selenium or tellurium compounds the ring containing sulfur and carbon only the ring containing sulfur and carbon with nitrogen or oxygen Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing phosphorus having no phosphorus-to-carbon bond Phosphate esters Metal salts Mammonium or amine salts Thio derivatives not containing metal
131/06 131/08 131/10 131/12 131/14 133/00 133/02 133/04 133/06 133/08 133/10 133/12 133/14 133/16 133/18	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen having a carbon chain of less than 30 atoms Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 149/22) having amino groups bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups having amino groups bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups Amides; Imides of carbonic or haloformic acids Ureas; Semicarbazides; Allophanates containing a carbon-to-nitrogen double bond, e.g. 	135/22 135/24 135/26 135/28 135/30 135/32 135/34 135/36 137/00 137/00 137/02 137/04 137/06 137/08 137/10 137/105 137/12	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof Heterocyclic sulfur, selenium or tellurium compounds the ring containing sulfur and carbon only the ring containing sulfur and carbon with nitrogen or oxygen Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing phosphorus having no phosphorus-to-carbon bond Phosphate esters Metal salts Ammonium or amine salts Thio derivatives fnot containing metal} having a phosphorus-to-carbon bond
131/06 131/08 131/10 131/12 131/14 133/00 133/02 133/04 133/04 133/06 133/08 133/10 133/12 133/14 133/16 133/18 133/20	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen having a carbon chain of less than 30 atoms Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 149/22) having amino groups bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups having amino groups bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups Amides; Imides Ureas; Semicarbazides; Allophanates 	135/22 135/24 135/26 135/28 135/30 135/32 135/34 135/36 137/00 137/00 137/06 137/08 137/10 137/105 137/12 137/14	N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof Heterocyclic sulfur, selenium or tellurium compounds the ring containing sulfur and carbon only the ring containing sulfur and carbon with nitrogen or oxygen Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing phosphorus having no phosphorus-to-carbon bond Phosphate esters Metal salts Metal salts Thio derivatives Indicating a phosphorus-to-carbon bond containing a phosphorus-to-carbon bond
131/06 131/08 131/10 131/12 131/14 133/00 133/02 133/04 133/04 133/06 133/08 133/10 133/12 133/14 133/16 133/18 133/20	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen having a carbon chain of less than 30 atoms Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 149/22) having amino groups bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups having amino groups bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups Amides; Imides of carbonic or haloformic acids Ureas; Semicarbazides; Allophanates containing a carbon-to-nitrogen double bond, e.g. 	135/22 135/24 135/26 135/28 135/30 135/32 135/34 135/36 137/00 137/00 137/02 137/04 137/06 137/08 137/10 137/105 137/12	 N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof Heterocyclic sulfur, selenium or tellurium compounds the ring containing sulfur and carbon only the ring containing sulfur and carbon with nitrogen or oxygen Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing phosphorus having no phosphorus-to-carbon bond Phosphate esters Metal salts Ammonium or amine salts Thio derivatives fnot containing metal} having a phosphorus-to-carbon bond
131/06 131/08 131/10 131/12 131/14 133/00 133/02 133/04 133/06 133/08 133/10 133/12 133/14 133/16 133/18 133/20 133/22	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen having a carbon chain of less than 30 atoms Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 149/22) having amino groups bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups having amino groups bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups Amides; Imides of carbonic or haloformic acids Ureas; Semicarbazides; Allophanates containing a carbon-to-nitrogen double bond, e.g. guanidines, hydrazones, semicarbazones 	135/22 135/24 135/26 135/28 135/30 135/32 135/34 135/36 137/00 137/00 137/06 137/08 137/10 137/105 137/12 137/14	N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof Heterocyclic sulfur, selenium or tellurium compounds the ring containing sulfur and carbon only the ring containing sulfur and carbon with nitrogen or oxygen Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing phosphorus having no phosphorus-to-carbon bond Phosphate esters Metal salts Metal salts Thio derivatives Indicating a phosphorus-to-carbon bond containing a phosphorus-to-carbon bond
131/06 131/08 131/10 131/12 131/14 133/00 133/02 133/04 133/06 133/08 133/10 133/12 133/14 133/16 133/18 133/20 133/22	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen having a carbon chain of less than 30 atoms Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 149/22) having amino groups bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups having amino groups bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups Amides; Imides of carbonic or haloformic acids Ureas; Semicarbazides; Allophanates containing a carbon-to-nitrogen double bond, e.g. guanidines, hydrazones, semicarbazones Nitriles 	135/22 135/24 135/26 135/28 135/30 135/32 135/34 135/36 137/00 137/00 137/06 137/08 137/10 137/105 137/12 137/14	N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof Heterocyclic sulfur, selenium or tellurium compounds the ring containing sulfur and carbon only the ring containing sulfur and carbon with nitrogen or oxygen Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing phosphorus having no phosphorus-to-carbon bond Phosphate esters Metal salts Metal salts Thio derivatives Into containing metal having a phosphorus-to-carbon bond containing sulfur
131/06 131/08 131/10 131/12 131/14 133/00 133/02 133/04 133/06 133/08 133/10 133/12 133/14 133/16 133/18 133/20 133/22 133/24 133/26	 aromatic containing carbon, hydrogen, halogen and oxygen Alcohols; Ethers; Aldehydes; Ketones Acids; Salts or esters thereof Halogenated waxes Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing nitrogen having a carbon chain of less than 30 atoms Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 149/22) having amino groups bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups having amino groups bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups Amides; Imides of carbonic or haloformic acids Ureas; Semicarbazides; Allophanates containing a carbon-to-nitrogen double bond, e.g. guanidines, hydrazones, semicarbazones Nitriles containing a nitrogen-to-nitrogen double bond 	135/22 135/24 135/26 135/28 135/30 135/32 135/34 135/36 137/00 137/00 137/06 137/08 137/10 137/105 137/12 137/14	N-C-S- or N-C-O- Thiols; Sulfides; Polysulfides containing sulfur atoms bound to acyclic or cycloaliphatic carbon atoms containing hydroxy groups; Derivatives thereof containing carboxyl groups; Derivatives thereof containing sulfur atoms bound to a carbon atom of a six-membered aromatic ring containing hydroxy groups; Derivatives thereof Heterocyclic sulfur, selenium or tellurium compounds the ring containing sulfur and carbon only the ring containing sulfur and carbon with nitrogen or oxygen Lubricating compositions characterised by the additive being an organic non-macromolecular compound containing phosphorus having no phosphorus-to-carbon bond Phosphate esters Metal salts Metal salts Thio derivatives Into containing metal having a phosphorus-to-carbon bond containing sulfur

Additives C10M

139/00	Lubricating compositions characterised by the additive being an organic non- macromolecular compound containing	145/18	 Macromolecular compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds
	atoms of elements not provided for in groups	145/20	Condensation polymers of aldehydes or ketones
	<u>C10M 127/00</u> - <u>C10M 137/00</u>	145/22	. Polyesters
139/02	Esters of silicon acids	145/24	. Polyethers
139/04	 having a silicon-to-carbon bond, e.g. silanes 	145/26	Polyoxyalkylenes
139/06	 having a metal-to-carbon bond (metal complexes of 	145/28	of alkylene oxides containing 2 carbon atoms
133/00	unknown constitution C10M 159/18)		only
141/00	Lubricating compositions characterised by the additive being a mixture of two or more	145/30	• • • of alkylene oxides containing 3 carbon atoms only
	compounds covered by more than one of the main groups <u>C10M 125/00</u> - <u>C10M 139/00</u> , each of these	145/32	• • • of alkylene oxides containing 4 or more carbon atoms
	compounds being essential	145/34	• • • of two or more specified different types
141/02	 at least one of them being an organic oxygen- 	145/36	etherified
	containing compound	145/38	esterified
141/04	 at least one of them being an organic halogen- containing compound 	145/40 147/00	 Polysaccharides, e.g. cellulose Lubricating compositions characterised by the
141/06	. at least one of them being an organic nitrogen-	147/00	additive being a macromolecular compound
4.4.400	containing compound		containing halogen
141/08	 at least one of them being an organic sulfur-, selenium- or tellurium-containing compound 	147/02	Monomer containing carbon, hydrogen and halogen only
141/10	 at least one of them being an organic phosphorus- 	147/04	. Monomer containing carbon, hydrogen, halogen and
	containing compound		oxygen
141/12	 at least one of them being an organic compound 		
	containing atoms of elements not provided for in groups C10M 141/02 - C10M 141/10	149/00	Lubricating compositions characterised by the additive being a macromolecular compound containing nitrogen
143/00	Lubricating compositions characterised by the additive being a macromolecular hydrocarbon or	149/02	Macromolecular compounds obtained by reactions
	such hydrocarbon modified by oxidation		only involving carbon-to-carbon unsaturated bonds
143/02	Polyethene	149/04	 containing monomers having an unsaturated
	-		radical bound to an amino group
143/04	containing propene	149/06	 containing monomers having an unsaturated
143/06	containing butene		radical bound to an amido or imido group
143/08	containing aliphatic monomer having more than 4 carbon atoms	149/08	 containing monomers having an unsaturated radical bound to a nitrile group
143/10	containing aromatic monomer, e.g. styrene	149/10	containing monomers having an unsaturated
143/12	 containing conjugated diene 		radical bound to a nitrogen-containing hetero ring
143/14	 containing non-conjugated diene 	149/12	 Macromolecular compounds obtained otherwise
143/16	 containing cycloaliphatic monomer 		than by reactions only involving carbon-to-carbon
143/18	 Oxidised hydrocarbons, i.e. oxidised subsequent to 		unsaturated bonds
	macromolecular formation	149/14	a condensation reaction being involved
1.45/00	Lubricating compositions above staried by the	149/16	between the nitrogen-containing monomer and
145/00	Lubricating compositions characterised by the additive being a macromolecular compound		an aldehyde or ketone
	containing oxygen (oxidised hydrocarbons	149/18	Polyamides
	C10M 143/18)	149/20	Polyureas
145/02	Macromolecular compounds obtained by reactions	149/22	Polyamines
	only involving carbon-to-carbon unsaturated bonds	151/00	Ihi.a.dia aanna aidiana ahana adanisa dhadha
145/04	containing monomers having an unsaturated	151/00	Lubricating compositions characterised by the additive being a macromolecular compound
	radical bound to an alcohol, aldehyde, ketonic,		containing sulfur, selenium or tellurium
	ether, ketal or acetal radical	151/02	Macromolecular compounds obtained by reactions
145/06	containing monomers having an unsaturated		involving only carbon-to-carbon unsaturated bonds
	radical bound to an acyloxy radical of a saturated	151/04	Macromolecular compounds obtained otherwise
	carboxylic or carbonic acid		than by reactions only involving carbon-to-carbon
145/08	 Vinyl esters of a saturated carboxylic or carbonic acid 		unsaturated bonds
145/10	containing monomers having an unsaturated	153/00	Lubricating compositions characterised by the
	radical bound to a carboxyl radical, e.g. acrylate		additive being a macromolecular compound
145/12	monocarboxylic		containing phosphorus
145/14	Acrylate; Methacrylate	153/02	 Macromolecular compounds obtained by reactions
145/16	polycarboxylic		involving only carbon-to-carbon unsaturated bonds

Additives C10M

153/04	Macromolecular compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds	163/00	Lubricating compositions characterised by the additive being a mixture of a compound of unknown or incompletely defined constitution and
155/00	Lubricating compositions characterised by the additive being a macromolecular compound containing atoms of elements not provided for in		a non-macromolecular compound, each of these compounds being essential NOTE
155/02	groups <u>C10M 143/00</u> - <u>C10M 153/00</u> Monomer containing silicon		{ Compositions containing compounds covered by C10M 159/005 as compounds of unknown or
155/04 157/00	Monomer containing boron Lubricating compositions characterised		incompletely defined constitution are classified in C10M 161/00}
	by the additive being a mixture of two or more macromolecular compounds covered by more than one of the main groups C10M 143/00 - C10M 155/00, each of these compounds being essential	165/00	Lubricating compositions characterised by the additive being a mixture of a macromolecular compound and a compound of unknown or incompletely defined constitution, each of these compounds being essential
157/02	 at least one of them being a halogen-containing compound 		<u>NOTE</u>
157/04 157/06	 at least one of them being a nitrogen-containing compound at least one of them being a sulfur-, selenium- or 		{ Compositions containing compounds covered by C10M 159/005, as compounds of unknown or incompletely defined constitution are classified in
	tellurium-containing compound		C10M 157/00}
157/08	at least one of them being a phosphorus-containing compound	167/00	Lubricating compositions characterised by the additive being a mixture of a macromolecular
157/10	 at least one of them being a compound containing atoms of elements not provided for in groups C10M 157/02 - C10M 157/08 		compound, a non-macromolecular compound and a compound of unknown or incompletely defined constitution, each of these compounds
159/00	Lubricating compositions characterised by the additive being of unknown or incompletely		being essential NOTE
	defined constitution (carboxylic acids with less than 30 carbon atoms in the chain, of unknown or incompletely defined constitution C10M 129/56)		{ Compositions containing compounds covered by C10M 159/005, as compounds of unknown or incompletely defined constitution are classified in
159/005	 {Macromolecular compounds, e.g. macromolecular compounds composed of alternatively specified monomers not covered by the same main group} 		<u>C10M 161/00</u> }
159/02	Natural products	<u>Mixtures of</u>	base-materials, thickeners and additives
159/04	Petroleum fractions, e.g. tars, solvents	169/00	Lubricating compositions characterised by
159/06	• • Waxes, e.g. ozocerite, ceresine, petrolatum, slackwax		containing as components a mixture of at least two types of ingredient selected from base-materials,
159/08	Fatty oils		thickeners or additives, covered by the preceding
159/10	Rubber	169/02	groups, each of these compounds being essential . Mixtures of base-materials and thickeners
159/12	Reaction products	169/02	Mixtures of base-materials and unickeners Mixtures of base-materials and additives
159/123	 {obtained by phosphorus or phosphorus- containing compounds, e.g. P x S x with organic compounds} 	169/041	 { the additives being macromolecular compounds only}
159/126	• • • {with hydrocarbon polymers}	169/042	• • {the additives being compounds of unknown or
159/14	obtained by Friedel-Crafts condensation	160/044	incompletely defined constitution only}
159/16	obtained by Mannich reactions	169/044	the additives being a mixture of non- macromolecular and macromolecular
159/18	Complexes with metals		compounds}
159/20	 Reaction mixtures having an excess of neutralising base, e.g. so-called overbasic or highly basic products 	169/045	• • {the additives being a mixture of compounds of unknown or incompletely defined constitution
159/22	• • • containing phenol radicals	160/047	and non-macromolecular compounds } (the additives being a mixture of compounds of
159/24	containing sulfonic radicals	169/047	• • {the additives being a mixture of compounds of unknown or incompletely defined constitution
161/00	Lubricating compositions characterised by the	160/049	and macromolecular compounds }
	additive being a mixture of a macromolecular compound and a non-macromolecular compound, each of these compounds being essential	169/048	 { the additives being a mixture of compounds of unknown or incompletely defined constitution, non-macromolecular and macromolecular compounds}
		169/06	Mixtures of thickeners and additives

Compositions characterised by physical properties

NOTE

Attention is drawn to Note (5) following the title of the subclass.

171/00

Lubricating compositions characterised by purely physical criteria, e.g. containing as base-material, thickener or additive, ingredients which are characterised exclusively by their numerically specified physical properties, i.e. containing ingredients which are physically well-defined but for which the chemical nature is either unspecified or only very vaguely indicated (chemically defined ingredients C10M 101/00 - C10M 169/00; petroleum fractions C10M 101/02, C10M 121/02, C10M 159/04)

171/001 • {Electrorheological fluids; smart fluids}

171/002 • {Traction fluids}

171/004 • {Foam inhibited lubricant compositions}

171/005 • {Volatile oil compositions; Vaporous lubricants}

171/007 • {Coloured or dyes-containing lubricant compositions}

171/008 • {Lubricant compositions compatible with

refrigerants}
171/02 • Specified values of viscosity or viscosity index

171/04 . Specified molecular weight or molecular weight

distribution

171/06 • Particles of special shape or size

Aqueous lubricating compositions

NOTE

Attention is drawn to Note (5) following the title of the subclass.

173/00	Lubricating compositions containing more than
	10% water

173/02 . not containing mineral or fatty oils173/025 . . {for lubricating conveyor belts}

Working-up

175/00

Working-up used lubricants to recover useful products {(destructive distillation C10B; extraction and elimination of PCBs C10G 7/006, C10G 21/006, C10G 25/006; combustion processes F23G; filtration, filters in general B01D); Cleaning (in a mechanical way B08B; integrated processes C23; solid waste B09B)}

175/0008 • {with the use of adsorbentia}

175/0016 • {with the use of chemical agents}

175/0025 • {by thermal processes}

175/0033 • • {using distillation processes; devices therefor}

175/0041 • • {by hydrogenation processes}

175/005 • {using extraction processes; apparatus therefor}

175/0058 • {by filtration and centrifugation processes; apparatus therefor}

175/0066 • {Use of electrical and magnetical means}

175/0075 • {synthetic oil based} 175/0083 • {Lubricating greases}

175/0091 • {Treatment of oils in a continuous lubricating

circuit (e.g. motor oil system)}
175/02 • mineral-oil based

175/04 . aqueous emulsion based175/06 . by ultrafiltration or osmosis

Preparation or after-treatment

177/00

Special methods of preparation of lubricating compositions; Chemical modification by aftertreatment of components or of the whole of a lubricating composition, not covered by other classes

2201/00	Inorganic compounds or elements as ingredients in
	lubricant compositions
2201/003	used as base material
2201/006	used as thickening agents
2201/02	• Water
2201/022	Hydrogen peroxide; Oxygenated water
2201/04	• Elements
2201/0403	used as base material
2201/0406	used as thickening agents
2201/041	Carbon; Graphite; Carbon black
2201/0413	used as base material
2201/0416	used as thickening agents
2201/042	halogenated, i.e. graphite fluoride
2201/0423	used as base material
2201/0426	used as thickening agents
2201/043	Sulfur; Selenenium; Tellurium
2201/0433	used as base material
2201/0436	used as thickening agents
2201/05	Metals; Alloys
2201/053	used as base material
2201/056	used as thickening agents
2201/06	• Metal compounds (of chromium <u>C10M 2201/086</u>)
2201/0603	• used as base material
2201/0606	used as thickening agents
2201/061	Carbides; Hydrides; Nitrides
2201/0613	used as base material
2201/0616	used as thickening agents
2201/062	• Oxides; Hydroxides; Carbonates or bicarbonates
2201/0623	used as base material
2201/0626	used as thickening agents
2201/063	
2201/064	Carbonyls
2201/065	
2201/0653	
2201/0656	2 2
2201/066	Molybdenum sulfide
2201/0663	used as base material
2201/0666	used as thickening agents
2201/08	• Inorganic acids or salts thereof (of phosphorus C10M 2201/085, of chromium C10M 2201/086,
	of boron C10M 2201/085; metal carbonates or
	bicarbonates C10M 2201/062)
2201/0803	. used as base material
2201/0806	used as thickening agent
2201/081	containing halogen
2201/082	• containing nitrogen (nitrides C10M 2201/061)
2201/083	nitrites
2201/084	• containing sulfur, selenium or tellurium (sulfides,
	tellurides, selenides <u>C10M 2201/065</u>)
2201/085	Phosphorus oxides, acids or salts
2201/0853	used as base material
2201/0856	used as thickening agent
2201/086	. Chromium oxides, acids or salts

2201/0062			6.1
2201/0863	used as base material		of the other monomers, (e.g. <u>C10M 2205/022</u> ,
2201/0866	. used as thickening agent		<u>C10M 2205/00</u>)
2201/087	Boron oxides, acids or salts	2205/003	• used as base material
2201/0873	used as base material	2205/006	used as thickening agents
2201/0876	used as thickening agent	2205/02	containing acyclic monomers
2201/10	. Compounds containing silicon	2205/0206	• • used as base material
2201/1006	used as base material	2205/0213	used as thickening agents
2201/1013	used as thickening agents	2205/022	Ethene
2201/102	Silicates	2205/0225	used as base material
	used as base material	2205/024	. Propene
2201/1026	used as thickening agents	2205/0245	used as base material
2201/103	Clays; Mica; Zeolites	2205/026	Butene
2201/1033	used as base material	2205/0265	used as base material
2201/1036	used as thickening agents	2205/028	containing aliphatic monomers having more than
2201/105	Silica	2203/020	four carbon atoms
2201/1053	used as base material	2205/0285	used as base material
2201/1056	used as thickening agents	2205/04	containing aromatic monomers, e.g. styrene
2201/12	. Glass	2205/043	. used as base material
2201/123	used as base material	2205/046	. used as thickening agents
2201/126	used as thickening agents	2205/040	containing conjugated dienes
2201/14	inorganic compounds surface treated with organic	2205/063	used as base material
	compounds	2205/065	used as thickening agents
2201/145	used as thickening agents	2205/08	containing non-conjugated dienes
2201/16	Carbon dioxide		
2201/18	. Ammonia	2205/083	used as base material
2202/00		2205/086	used as thickening agents
2203/00	Organic non-macromolecular hydrocarbon compounds and hydrocarbon fractions as	2205/10	containing cycloaliphatic monomers
	ingredients in lubricant compositions	2205/103	used as base material
2203/003	used as base material	2205/106	• use as thickening agent
2203/003		2205/12	• Oxidised hydrocarbons, i.e. oxidised subsequent to
	used as thickening agents Well defined clinhesis agents	2205/122	macromolecular formation
2203/02	Well-defined aliphatic compounds	2205/123	used as base material
2203/0206	. used as base material	2205/126	. used as thickening agents
2203/0213 2203/022	used as thickening agents	2205/14	Synthetic waxes, e.g. polythene waxes
	saturated	2205/143	used as base material
2203/024	. unsaturated	2205/146	used as thickening agents
2203/04	Well-defined cycloaliphatic compounds	2205/16	• Paraffin waxes; Petrolatum, e.g. slack wax
2203/045	used as base material	2205/163	used as base material
2203/06	Well-defined aromatic compounds	2205/166	used as thickening agent
2203/065	used as base material	2205/17	Fisher Tropsch reaction products
2203/10	Petroleum or coal fractions, e.g. tars, solvents,	2205/173	used as base material
2202/1006	bitumen	2205/176	used as thickening agent
2203/1006	used as base material	2205/18	• Natural waxes, e.g. ceresin, ozocerite, bees wax,
2203/1013	used as thickening agents		carnauba; Degras
2203/102	Aliphatic fractions	2205/183	used as base material
2203/1025	used as base material	2205/186	used as thickening agents
2203/104	Aromatic fractions	2205/20	Natural rubber; Natural resins
2203/1045	used as base material	2205/203	used as base material
2203/106	Naphthenic fractions	2205/206	used as thickening agents
2203/1065	used as base material	2205/22	Alkylation reaction products with aromatic type
2203/108	. Residual fractions, e.g. bright stocks		compounds, e.g. Friedel-crafts
2203/1085	used as base material	2205/223	used as base material
2205/00	Organic macromolecular hydrocarbon compounds	2205/226	use as thickening agent
	or fractions, whether or not modified by oxidation	2207/00	Organic non-macromolecular hydrocarbon
	as ingredients in lubricant compositions		compounds containing hydrogen, carbon and
	NOTE		oxygen as ingredients in lubricant compositions
	Copolymers are indexed with the symbol for		NOTE
	the main monomer always being present, (e.g.		In this group compounds, (e.g. phenols, succinic
	C10M 2205/026, C10M 2205/022) according		acid) substituted by an alkyl group derived
	to the last place rule, followed by the symbol		from a polymerised olefin are not considered as macromolecular compounds

macromolecular compounds

2207/003 • used as base material	2207/129 having hydrocarbon chains of thirty or more
2207/006 • used as thickening agents	carbon atoms
2207/02 • Hydroxy compounds	2207/1293 used as base material
2207/0203 • used as base material	2207/1296 used as thickening agents
2207/0206 used as thickening agents	2207/14 having carboxyl groups bound to carbon atoms of
2207/021 having hydroxy groups bound to acyclic or	six-membered aromatic rings
cycloaliphatic carbon atoms	2207/1403 used as base material
2207/0215 used as base material	2207/1406 used as thickening agents
2207/022 containing at least two hydroxy groups	2207/141 monocarboxylic
2207/0225 used as base material	2207/1415 used as thickening agent
	2207/142 polycarboxylic
• having hydroxy groups bound to carbon atoms of	
six-membered aromatic rings	2207/1423 used as base material
2207/0235 used as base material	2207/1426 used as thickening agent
2207/024 having at least two phenol groups but no	2207/144 containing hydroxy groups
condensed ring	2207/1443 used as base material
2207/025 with condensed rings	2207/1446 used as thickening agent
2207/026 with tertiary alkyl groups	2207/146 having carboxyl groups bound to carbon atoms
2207/027 Neutral salts thereof	of six-membeered aromatic rings having a
2207/028 Overbased salts thereof	hydrocarbon substituent of thirty or more
2207/0285 used as base material	carbon atoms
2207/04 • Ethers; Acetals; Ortho-esters; Ortho-carbonates	2207/1465 used as base material
2207/0406 used as base material	2207/16 . Naphthenic acids
	2207/163 used as base material
2 2	2207/166 used as thickening agents
2207/042 • Epoxides	2207/18 . Tall oil acids
2207/044 Cyclic ethers having four or more ring atoms, e.g.	
furans, dioxolanes	2207/183 used as base material
2207/046 Hydroxy ethers	2207/186 used as thickening agents
2207/06 • Peroxides; Ozonides	2207/20 • Rosin acids
2207/08 • Aldehydes; Ketones	2207/203 used as base material
2207/085 used as base material	2207/206 used as thickening agents
2207/09 • Metal enolates, i.e. keto-enol metal complexes	• • Acids obtained from polymerised unsaturated
2207/095 used as thickening agent	acids
	2207/223 used as base material
2207/10 . Carboxylix acids; Neutral salts thereof	
,	2207/226 used as thickening agents
2207/103 used as base material	2207/226 used as thickening agents
2207/103 . used as base material2207/106 . used as thickening agents	2207/226 used as thickening agents2207/24 Epoxidised acids; Ester derivatives thereof
 2207/103 used as base material used as thickening agents having carboxyl groups bound to acyclic or 	 2207/226 used as thickening agents 2207/24 Epoxidised acids; Ester derivatives thereof 2207/243 used as base material
 2207/103 used as base material used as thickening agents having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 	 2207/226 used as thickening agents 2207/24 Epoxidised acids; Ester derivatives thereof 2207/243 used as base material 2207/246 used as thickening agents
 2207/103 used as base material used as thickening agents having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms used as base material 	 2207/226 used as thickening agents 2207/24 Epoxidised acids; Ester derivatives thereof 2207/243 used as base material 2207/246 used as thickening agents 2207/26 . Overbased carboxylic acid salts
 2207/103 used as base material used as thickening agents having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms used as thickening agents used as base material used as thickening agents 	 2207/226 used as thickening agents 2207/24 Epoxidised acids; Ester derivatives thereof 2207/243 used as base material 2207/246 used as thickening agents 2207/26 . Overbased carboxylic acid salts 2207/2606 . used as base material
 2207/103 used as base material used as thickening agents 2207/12 having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 used as base material used as thickening agents having hydrocarbon chains of seven or less 	 2207/226 used as thickening agents 2207/24 Epoxidised acids; Ester derivatives thereof 2207/243 used as base material 2207/246 used as thickening agents 2207/26 . Overbased carboxylic acid salts 2207/2606 . used as base material 2207/2613 . used as thickening agents
 2207/103 . used as base material 2207/106 . used as thickening agents 2207/12 . having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 . used as base material 2207/1206 . used as thickening agents 2207/121 . having hydrocarbon chains of seven or less carbon atoms 	2207/226 used as thickening agents 2207/24 Epoxidised acids; Ester derivatives thereof 2207/243 used as base material 2207/246 used as thickening agents 2207/26 . Overbased carboxylic acid salts 2207/2606 . used as base material 2207/2613 . used as thickening agents 2207/262 . derived from hydroxy substituted aromatic acids,
 2207/103 used as base material used as thickening agents 2207/12 having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 used as base material 2207/1206 used as thickening agents having hydrocarbon chains of seven or less carbon atoms used as base material 	2207/226 used as thickening agents 2207/24 Epoxidised acids; Ester derivatives thereof 2207/243 used as base material 2207/246 used as thickening agents 2207/26 . Overbased carboxylic acid salts 2207/2606 . used as base material 2207/2613 . used as thickening agents 2207/262 . derived from hydroxy substituted aromatic acids, e.g. salicylates
 2207/103 used as base material used as thickening agents 2207/12 having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 used as base material 2207/1206 used as thickening agents having hydrocarbon chains of seven or less carbon atoms used as base material used as thickening agent 	 2207/226 used as thickening agents 2207/24 Epoxidised acids; Ester derivatives thereof 2207/243 used as base material 2207/246 used as thickening agents 2207/26 . Overbased carboxylic acid salts 2207/2613 . used as base material 2207/262 . used as thickening agents 2207/262 . derived from hydroxy substituted aromatic acids, e.g. salicylates 2207/2623 . used as base material
 2207/103 used as base material 2207/12 having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 used as base material 2207/1206 used as thickening agents 2207/121 having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms used as base material 2207/1216 used as thickening agents used as base material 2207/1213 used as base material 2207/1216 used as thickening agent used as thickening agent used as thickening agent used as thickening agent 	 2207/226 used as thickening agents 2207/24 Epoxidised acids; Ester derivatives thereof 2207/243 used as base material 2207/246 used as thickening agents 2207/26 . Overbased carboxylic acid salts 2207/2613 . used as base material 2207/262 . derived from hydroxy substituted aromatic acids, e.g. salicylates 2207/2623 . used as base material 2207/2626 . used as base material 2207/2626 . used as thickening agents
 2207/103 used as base material used as thickening agents 2207/12 having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 used as base material 2207/1206 used as thickening agents having hydrocarbon chains of seven or less carbon atoms used as base material used as thickening agent 	 2207/226 used as thickening agents 2207/24 Epoxidised acids; Ester derivatives thereof 2207/243 used as base material 2207/246 used as thickening agents 2207/26 . Overbased carboxylic acid salts 2207/2613 . used as base material 2207/262 . used as thickening agents 2207/262 . derived from hydroxy substituted aromatic acids, e.g. salicylates 2207/2623 . used as base material
 2207/103 used as base material 2207/12 having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 used as base material 2207/1206 used as thickening agents 2207/121 having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms used as base material 2207/1216 used as thickening agents used as base material 2207/1213 used as base material 2207/1216 used as thickening agent used as thickening agent used as thickening agent used as thickening agent 	 2207/226 used as thickening agents 2207/24 Epoxidised acids; Ester derivatives thereof 2207/243 used as base material 2207/246 used as thickening agents 2207/26 . Overbased carboxylic acid salts 2207/2613 . used as base material 2207/262 . derived from hydroxy substituted aromatic acids, e.g. salicylates 2207/2623 . used as base material 2207/2626 . used as base material 2207/2626 . used as thickening agents
 2207/103 used as base material 2207/12 having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 used as base material 2207/1206 used as thickening agents 2207/121 having hydrocarbon chains of seven or less carbon atoms used as base material 2207/1213 used as base material used as base material used as base material used as thickening agent 	2207/226 used as thickening agents 2207/24 Epoxidised acids; Ester derivatives thereof 2207/243 used as base material 2207/246 used as thickening agents 2207/26 . Overbased carboxylic acid salts 2207/2606 . used as base material 2207/2613 . used as thickening agents 2207/262 derived from hydroxy substituted aromatic acids, e.g. salicylates 2207/2623 used as base material 2207/2626 used as thickening agents 2207/2626 used as thickening agents 2207/28 . Esters (epoxidised esters C10M 2207/24)
 2207/103 used as base material 2207/12 having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 used as base material 2207/1206 used as thickening agents 2207/121 having hydrocarbon chains of seven or less carbon atoms 2207/1213 used as base material 2207/1216 used as base material 2207/122 monocarboxylic 2207/1225 used as thickening agent 2207/123 used as base material 	2207/224 used as thickening agents 2207/24 Epoxidised acids; Ester derivatives thereof 2207/243 used as base material 2207/246 used as thickening agents 2207/26 . Overbased carboxylic acid salts 2207/2606 . used as base material 2207/2613 . used as thickening agents 2207/262 . derived from hydroxy substituted aromatic acids, e.g. salicylates 2207/2623 used as base material 2207/2626 used as thickening agents 2207/2626 used as thickening agents 2207/28 . Esters (epoxidised esters C10M 2207/24) 2207/2805 . used as base material
2207/103 . used as base material 2207/106 . used as thickening agents 2207/12 . having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 . used as base material 2207/1206 . used as thickening agents 2207/121 . having hydrocarbon chains of seven or less carbon atoms 2207/1213 . used as base material 2207/1216 . used as thickening agent 2207/122 . monocarboxylic 2207/1225 . used as thickening agent 2207/1231 . used as thickening agent 2207/1232 . used as thickening agent 2207/1233 . used as base material 2207/1233 . used as base material 2207/1236 . used as thickening agent	2207/224 used as thickening agents 2207/24 Epoxidised acids; Ester derivatives thereof 2207/243 used as base material 2207/246 used as thickening agents 2207/260 . Overbased carboxylic acid salts 2207/2606 . used as base material 2207/2613 . used as thickening agents 2207/262 . derived from hydroxy substituted aromatic acids, e.g. salicylates 2207/2623 used as base material 2207/2626 used as thickening agents 2207/2627 . used as thickening agents 2207/280 . Esters (epoxidised esters C10M 2207/24) 2207/2805 . used as base material 2207/281 . of (cyclo)aliphatic monocarboxylic acids 2207/2815 . used as base material
 2207/103 used as base material 2207/12 having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 used as base material 2207/1206 used as thickening agents 2207/121 having hydrocarbon chains of seven or less carbon atoms used as base material 2207/1213 used as base material 2207/1216 used as thickening agent 2207/122 monocarboxylic 2207/1225 used as thickening agent 2207/123 polycarboxylic 2207/1233 used as base material 2207/1236 used as thickening agent 2207/1236 used as thickening agent containing hydroxy groups; Ethers thereof 	2207/224 used as thickening agents 2207/24 Epoxidised acids; Ester derivatives thereof 2207/243 used as base material 2207/246 used as thickening agents 2207/260 . Overbased carboxylic acid salts 2207/2606 . used as base material 2207/2613 . used as thickening agents 2207/262 . derived from hydroxy substituted aromatic acids, e.g. salicylates 2207/2623 used as base material 2207/2626 used as base material 2207/2626 used as thickening agents 2207/280 . Esters (epoxidised esters C10M 2207/24) 2207/2805 . used as base material 2207/281 . of (cyclo)aliphatic monocarboxylic acids 2207/282 . used as base material 2207/282 used as base material
 2207/103 used as base material 2207/12 having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 used as base material 2207/1206 used as thickening agents 2207/121 having hydrocarbon chains of seven or less carbon atoms 2207/121 used as base material 2207/1213 used as base material 2207/1216 used as thickening agent 2207/122 monocarboxylic 2207/1225 used as thickening agent 2207/123 polycarboxylic 2207/1233 used as thickening agent 2207/1236 used as thickening agent 2207/124 ontaining hydroxy groups; Ethers thereof used as thickening agent used as thickening agent 	2207/224 used as thickening agents 2207/243 used as base material 2207/246 used as thickening agents 2207/246 used as base material 2207/240 used as base material 2207/240 used as thickening agents 2207/240 used as thickening agents 2207/240 used as base material 2207/240 used as base material 2207/240 used as thickening agents 2207/280 used as thickening agents 2207/280 . used as base material 2207/281 used as base material 2207/282 used as base material
2207/106 . used as base material 2207/12 . having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 . used as base material 2207/1206 . used as thickening agents 2207/12106 . used as thickening agents 2207/1211 . having hydrocarbon chains of seven or less carbon atoms 2207/1213 . used as base material 2207/1216 . used as base material 2207/1217 . used as thickening agent 2207/1220 . used as thickening agent 2207/1220 . used as thickening agent 2207/1230 . used as thickening agent 2207/1231 . used as base material 2207/1231 . used as thickening agent 2207/1231 . having hydrocarbon chains of eight up to	2207/224 used as thickening agents 2207/243 used as base material 2207/246 used as thickening agents 2207/266 used as thickening agents 2207/2606 used as base material 2207/2613 used as thickening agents 2207/262 used as thickening agents 2207/262 derived from hydroxy substituted aromatic acids, e.g. salicylates 2207/2623 used as base material 2207/2626 used as thickening agents 2207/2626 used as thickening agents 2207/280 . Esters (epoxidised esters C10M 2207/24) 2207/2805 . used as base material 2207/281 . of (cyclo)aliphatic monocarboxylic acids 2207/282 used as base material 2207/283 of (cyclo)aliphatic oolycarboxylic acids 2207/283 used as base material 2207/283 of polyhydroxy compounds
2207/103 . used as base material 2207/106 . used as thickening agents 2207/12 . having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 . used as base material 2207/1206 . used as thickening agents 2207/121 . having hydrocarbon chains of seven or less carbon atoms 2207/121 . used as base material 2207/1213 . used as base material 2207/1216 . used as thickening agent 2207/122 . used as thickening agent 2207/122 monocarboxylic 2207/1225 used as thickening agent 2207/123 polycarboxylic 2207/123 used as base material 2207/124 used as thickening agent 2207/124 used as thickening agent 2207/124 containing hydroxy groups; Ethers thereof 2207/1245 used as thickening agent 2207/125 having hydrocarbon chains of eight up to twenty-nine carbon atoms, i.e. fatty acids	2207/224 used as thickening agents 2207/243 used as base material 2207/246 used as thickening agents 2207/266 used as thickening agents 2207/2606 used as base material 2207/2613 used as thickening agents 2207/262 used as thickening agents 2207/262 derived from hydroxy substituted aromatic acids, e.g. salicylates 2207/2623 used as base material 2207/2626 used as thickening agents 2207/2626 used as thickening agents 2207/280 . Esters (epoxidised esters C10M 2207/24) 2207/2805 . used as base material 2207/281 . of (cyclo)aliphatic monocarboxylic acids 2207/282 used as base material 2207/282 used as base material 2207/283 used as base material
2207/103 . used as base material 2207/106 . used as thickening agents 2207/12 . having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 . used as base material 2207/1206 . used as thickening agents 2207/121 . having hydrocarbon chains of seven or less carbon atoms 2207/121 . used as base material 2207/121 . used as base material 2207/121 . used as thickening agent 2207/122 . used as thickening agent 2207/122 . used as thickening agent 2207/1225 . used as thickening agent 2207/123 . used as base material 2207/123 . used as base material 2207/124 . used as thickening agent 2207/125 . used as thickening agent 2207/124 . used as thickening agent 2207/125 . used as thickening agent	2207/224 used as thickening agents 2207/243 used as base material 2207/246 used as thickening agents 2207/266 used as thickening agents 2207/2606 used as base material 2207/2613 . used as thickening agents 2207/262 . derived from hydroxy substituted aromatic acids, e.g. salicylates 2207/2623 used as base material 2207/2624 used as thickening agents 2207/2625 used as thickening agents 2207/2626 used as thickening agents 2207/2805 . used as thickening agents 2207/2805 . used as base material 2207/281 . of (cyclo)aliphatic monocarboxylic acids 2207/282 used as base material 2207/282 used as base material 2207/283 used as base material 2207/283 used as base material 2207/2835 used as base material 2207/284 of polyhydroxy compounds 2207/284 of aromatic monocarboxylic acids
2207/106 . used as base material 2207/12 . having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 . used as base material 2207/1206 . used as thickening agents 2207/12106 . used as thickening agents 2207/1211 . having hydrocarbon chains of seven or less carbon atoms 2207/1213 . used as base material 2207/1216 . used as thickening agent 2207/1220 . used as thickening agent 2207/1221 . used as thickening agent 2207/1222 . used as thickening agent 2207/1233 . used as thickening agent 2207/1233 . used as base material 2207/1236 . used as thickening agent 2207/1240 . used as thickening agent 2207/1251 . used as thickening agent 2207/1252 . used as thickening agent 2207/1253 . used as base material 2207/1256 . used as base material	2207/24 used as thickening agents 2207/24 Epoxidised acids; Ester derivatives thereof 2207/243 used as base material 2207/246 used as thickening agents 2207/26 . Overbased carboxylic acid salts 2207/2606 . used as base material 2207/2613 . used as thickening agents 2207/262 . derived from hydroxy substituted aromatic acids, e.g. salicylates 2207/2623 used as base material 2207/2626 used as thickening agents 2207/2626 used as thickening agents 2207/28 . Esters (epoxidised esters C10M 2207/24) 2207/2805 . used as base material 2207/281 . of (cyclo)aliphatic monocarboxylic acids 2207/282 used as base material 2207/283 used as base material 2207/283 used as base material 2207/284 used as base material
2207/103 . used as base material 2207/106 . used as thickening agents 2207/12 . having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 . used as base material 2207/1206 . used as thickening agents 2207/121 . having hydrocarbon chains of seven or less carbon atoms 2207/1213 . used as base material 2207/1216 . used as thickening agent 2207/1220 . used as thickening agent 2207/1220 . used as thickening agent 2207/1221 . used as thickening agent 2207/1222 . used as thickening agent 2207/123 . used as base material 2207/123 . used as base material 2207/1230 . used as thickening agent 2207/1240 . used as thickening agent 2207/1241 . used as thickening agent 2207/1242 . used as thickening agent 2207/1243 . used as thickening agent 2207/1254 . used as thickening agent 2207/1255 . used as thickening agent 2207/1256 . used as base material 2207/1256 . used as base material 2207/1256 . used as thickening agent 2207/1256 used as thickening agent	2207/224 used as thickening agents 2207/243 used as base material 2207/246 used as thickening agents 2207/246 used as thickening agents 2207/260 . Overbased carboxylic acid salts 2207/2613 . used as thickening agents 2207/262 . derived from hydroxy substituted aromatic acids, e.g. salicylates 2207/2623 used as base material 2207/2624 used as base material 2207/2625 used as thickening agents 2207/2805 . used as thickening agents 2207/2805 . used as base material 2207/281 . of (cyclo)aliphatic monocarboxylic acids 2207/282 used as base material 2207/282 used as base material 2207/283 of polyhydroxy compounds 2207/283 used as base material 2207/284 of aromatic monocarboxylic acids 2207/2845 used as base material 2207/2845 used as base material 2207/2845 used as base material 2207/285 used as base material 2207/2845 used as base material 2207/285 used as base material
2207/103 . used as base material 2207/106 . used as thickening agents 2207/12 . having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 . used as base material 2207/1206 . used as thickening agents 2207/121 . having hydrocarbon chains of seven or less carbon atoms 2207/121 . used as base material 2207/121 . used as base material 2207/121 . used as thickening agent 2207/122 . used as thickening agent 2207/122 . used as thickening agent 2207/123 . used as thickening agent 2207/123 . used as base material 2207/123 . used as base material 2207/124 . used as thickening agent 2207/124 . used as thickening agent 2207/124 . used as thickening agent 2207/125 . having hydrocarbon chains of eight up to twenty-nine carbon atoms, i.e. fatty acids 2207/1253 . used as base material 2207/1254 . used as base material 2207/1255 . used as base material 2207/1256 . used as thickening agent 2207/1266 . used as thickening agent	2207/24 used as thickening agents 2207/24 used as base material 2207/243 used as base material 2207/246 used as thickening agents 2207/260 . Overbased carboxylic acid salts 2207/2606 . used as base material 2207/2613 used as thickening agents 2207/262 used as thickening agents 2207/262 used as thickening agents 2207/262 used as base material 2207/2626 used as base material 2207/2626 used as thickening agents 2207/28 . Esters (epoxidised esters C10M 2207/24) 2207/2805 . used as base material 2207/281 of (cyclo)aliphatic monocarboxylic acids 2207/282 used as base material 2207/283 used as base material 2207/283 used as base material 2207/284 of polyhydroxy compounds 2207/284 of aromatic monocarboxylic acids 2207/285 used as base material
2207/103 . used as base material 2207/106 . used as thickening agents 2207/12 . having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 . used as base material 2207/1206 . used as thickening agents 2207/121 . having hydrocarbon chains of seven or less carbon atoms 2207/1213 . used as base material 2207/1216 . used as thickening agent 2207/1220 . used as thickening agent 2207/1220 . used as thickening agent 2207/1221 . used as thickening agent 2207/1222 . used as thickening agent 2207/123 . used as base material 2207/123 . used as base material 2207/1230 . used as thickening agent 2207/1240 . used as thickening agent 2207/1241 . used as thickening agent 2207/1242 . used as thickening agent 2207/1243 . used as thickening agent 2207/1254 . used as thickening agent 2207/1255 . used as thickening agent 2207/1256 . used as base material 2207/1256 . used as base material 2207/1256 . used as thickening agent 2207/1256 used as thickening agent	2207/224 used as thickening agents 2207/243 used as base material 2207/246 used as thickening agents 2207/26 . Overbased carboxylic acid salts 2207/260 used as base material 2207/2613 used as thickening agents 2207/262 derived from hydroxy substituted aromatic acids, e.g. salicylates 2207/2623 used as base material 2207/2626 used as base material 2207/2626 used as thickening agents 2207/28 . Esters (epoxidised esters C10M 2207/24) 2207/280 used as base material 2207/281 of (cyclo)aliphatic monocarboxylic acids 2207/282 used as base material 2207/282 used as base material 2207/283 of (cyclo)aliphatic oolycarboxylic acids 2207/283 used as base material 2207/284 used as base material 2207/284 used as base material 2207/284 used as base material 2207/285 used as base material 2207/286 used as base material 2207/285 used as base material 2207/286 used as base material 2207/286 used as base material 2207/286 used as base material
2207/103 . used as base material 2207/106 . used as thickening agents 2207/12 . having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 . used as base material 2207/1206 . used as thickening agents 2207/121 . having hydrocarbon chains of seven or less carbon atoms 2207/121 . used as base material 2207/121 . used as base material 2207/121 . used as thickening agent 2207/122 . used as thickening agent 2207/122 . used as thickening agent 2207/123 . used as thickening agent 2207/123 . used as base material 2207/123 . used as base material 2207/124 . used as thickening agent 2207/124 . used as thickening agent 2207/124 . used as thickening agent 2207/125 . having hydrocarbon chains of eight up to twenty-nine carbon atoms, i.e. fatty acids 2207/1253 . used as base material 2207/1254 . used as base material 2207/1255 . used as base material 2207/1256 . used as thickening agent 2207/1266 . used as thickening agent	2207/24 used as thickening agents 2207/24 used as base material 2207/243 used as base material 2207/246 used as thickening agents 2207/260 . Overbased carboxylic acid salts 2207/2606 . used as base material 2207/2613 used as thickening agents 2207/262 used as thickening agents 2207/262 used as thickening agents 2207/262 used as base material 2207/2626 used as base material 2207/2626 used as thickening agents 2207/28 . Esters (epoxidised esters C10M 2207/24) 2207/2805 . used as base material 2207/281 of (cyclo)aliphatic monocarboxylic acids 2207/282 used as base material 2207/283 used as base material 2207/283 used as base material 2207/284 of polyhydroxy compounds 2207/284 of aromatic monocarboxylic acids 2207/285 used as base material
2207/103 . used as base material 2207/106 . used as thickening agents 2207/12 . having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 . used as base material 2207/1206 . used as thickening agents 2207/121 . having hydrocarbon chains of seven or less carbon atoms 2207/121 . used as base material 2207/121 . used as base material 2207/121 . used as thickening agent 2207/122 . used as thickening agent 2207/122 . used as thickening agent 2207/123 . used as thickening agent 2207/123 . used as base material 2207/123 . used as base material 2207/124 . used as thickening agent 2207/124 . used as thickening agent 2207/125 . used as base material 2207/126 . used as thickening agent 2207/127 . used as thickening agent	2207/224 used as thickening agents 2207/243 used as base material 2207/246 used as thickening agents 2207/26 . Overbased carboxylic acid salts 2207/260 used as base material 2207/2613 used as thickening agents 2207/262 derived from hydroxy substituted aromatic acids, e.g. salicylates 2207/2623 used as base material 2207/2626 used as base material 2207/2626 used as thickening agents 2207/28 . Esters (epoxidised esters C10M 2207/24) 2207/280 used as base material 2207/281 of (cyclo)aliphatic monocarboxylic acids 2207/282 used as base material 2207/282 used as base material 2207/283 of (cyclo)aliphatic oolycarboxylic acids 2207/283 used as base material 2207/284 used as base material 2207/284 used as base material 2207/284 used as base material 2207/285 used as base material 2207/286 used as base material 2207/285 used as base material 2207/286 used as base material 2207/286 used as base material 2207/286 used as base material
2207/103 . used as base material 2207/106 . used as thickening agents 2207/12 . having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 . used as base material 2207/1206 . used as thickening agents 2207/121 . having hydrocarbon chains of seven or less carbon atoms 2207/1213 used as base material 2207/1216 used as thickening agent 2207/1221 monocarboxylic 2207/1225 used as thickening agent 2207/1230 polycarboxylic 2207/1233 used as base material 2207/1244 containing hydroxy groups; Ethers thereof 2207/1245 used as thickening agent 2207/1255 . having hydrocarbon chains of eight up to twenty-nine carbon atoms, i.e. fatty acids 2207/1256 . used as base material 2207/1256 . used as thickening agent 2207/1265 . used as thickening agent 2207/127 . used as base material	2207/224 used as thickening agents 2207/243 used as base material 2207/246 used as thickening agents 2207/246 used as thickening agents 2207/26 . Overbased carboxylic acid salts 2207/2606 . used as base material 2207/2613 . used as thickening agents 2207/262 . derived from hydroxy substituted aromatic acids, e.g. salicylates 2207/2623 used as base material 2207/2626 used as base material 2207/280 . Esters (epoxidised esters C10M 2207/24) 2207/280 . used as base material 2207/281 . of (cyclo)aliphatic monocarboxylic acids 2207/282 used as base material 2207/282 used as base material 2207/283 . of (cyclo)aliphatic oolycarboxylic acids 2207/283 used as base material 2207/284 used as base material 2207/284 of aromatic monocarboxylic acids 2207/285 used as base material 2207/285 used as base material 2207/285 used as base material 2207/286 used as base material
2207/103 . used as base material 2207/106 . used as thickening agents 2207/1203 . used as base material 2207/1206 . used as base material 2207/1207 . used as base material 2207/1206 . used as thickening agents 2207/121 . having hydrocarbon chains of seven or less carbon atoms 2207/1213 . used as base material 2207/1216 . used as thickening agent 2207/1220 . used as thickening agent 2207/1220 . used as thickening agent 2207/1220 . used as thickening agent 2207/1230 . used as thickening agent 2207/1231 . used as thickening agent 2207/1241 . used as thickening agent 2207/1251 . having hydrocarbon chains of eight up to twenty-nine carbon atoms, i.e. fatty acids 2207/1253 . used as base material 2207/1254 . used as thickening agent 2207/1255 . used as thickening agent 2207/1256 . used as thickening agent 2207/1257 . used as thickening agent 2207/1257 . used as thickening agent 2207/1265 . used as thickening agent 2207/1276 . used as base material 2207/1277 . used as base material 2207/1276 . used as thickening agent 2207/1277 . used as thickening agent 2207/1278 . used as thickening agent 2207/1279 . used as thickening agent	2207/226 used as thickening agents 2207/243 used as base material 2207/246 used as base material 2207/246 used as thickening agents 2207/260 . Overbased carboxylic acid salts 2207/2606 . used as thickening agents 2207/2613 . used as thickening agents 2207/262 . derived from hydroxy substituted aromatic acids, e.g. salicylates 2207/2623 . used as base material 2207/2626 . used as base material 2207/2805 . used as base material 2207/281 . of (cyclo)aliphatic monocarboxylic acids 2207/282 . used as base material 2207/283 . used as base material 2207/283 . used as base material 2207/284 . of (cyclo)aliphatic oolycarboxylic acids 2207/283 . used as base material 2207/284 . of polyhydroxy compounds 2207/284 . used as base material 2207/284 . of aromatic monocarboxylic acids 2207/285 . used as base material 2207/286 . of aromatic polycarboxylic acids 2207/286 . used as base material 2207/286 . used as base material 2207/287 . used as base material
2207/103 . used as base material 2207/106 . used as thickening agents 2207/12 . having carboxyl groups bound to acyclic or cycloaliphatic carbon atoms 2207/1203 . used as base material 2207/1206 . used as thickening agents 2207/121 . having hydrocarbon chains of seven or less carbon atoms 2207/1213 used as base material 2207/1216 used as thickening agent 2207/1221 monocarboxylic 2207/1225 used as thickening agent 2207/1230 polycarboxylic 2207/1233 used as base material 2207/1244 containing hydroxy groups; Ethers thereof 2207/1245 used as thickening agent 2207/1255 . having hydrocarbon chains of eight up to twenty-nine carbon atoms, i.e. fatty acids 2207/1256 . used as base material 2207/1256 . used as thickening agent 2207/1265 . used as thickening agent 2207/127 . used as base material	2207/226 used as thickening agents 2207/243 used as base material 2207/246 used as base material 2207/246 used as thickening agents 2207/260 . Overbased carboxylic acid salts 2207/2606 . used as base material 2207/2613 . used as thickening agents 2207/262 . derived from hydroxy substituted aromatic acids, e.g. salicylates 2207/2623 . used as base material 2207/2626 . used as base material 2207/2805 . used as base material 2207/281 . of (cyclo)aliphatic monocarboxylic acids 2207/282 . used as base material 2207/282 . of (cyclo)aliphatic oolycarboxylic acids 2207/283 . used as base material 2207/283 . used as base material 2207/284 . of aromatic monocarboxylic acids 2207/284 . of aromatic monocarboxylic acids 2207/2845 . used as base material 2207/2855 . used as base material 2207/2865 . used as base material 2207/287 . Partial esters 2207/2875 . used as base material

2207/200		2200/00/2
2207/289	containing free hydroxy groups	2209/0863 used as base material
2207/2895	used as base material	2209/0866 used as thickening agents
2207/30	Complex esters, i.e. compounds containing	2209/10 • Macromolecular compoundss obtained otherwise
	at leasst three esterified carboxyl groups and derived from the combination of at least three	than by reactions only involving carbon-to-carbon unsaturated bonds
	different types of the following five types	2209/1003 • used as base material
	of compounds: monohydroxyl compounds,	
	polyhydroxy xompounds, monocarboxylic acids,	2209/1006 . used as thickening agents
	polycarboxylic acids or hydroxy carboxylic acids	2209/101 • Condensation polymers of aldehydes or ketones and phenols, e.g. Also polyoxyalkylene ether
2207/301	used as base material	derivatives thereof
2207/302	derived from the combination of	2209/1013 used as base material
22077502	monocarboxylic acids, dicarboxylic acids and	
	dihydroxy compounds only and having no free	2209/1016 used as thickening agents 2209/102 Polyesters
	hydroxy or carboxyl groups	2209/102 Polyesters 2209/1023 used as base material
2207/3025	used as base material	
2207/304	derived from the combination of monohydroxy	2209/1026 use as thickening agent
	compounds, dihydroxy compounds and	2209/103 • Polyethers, i.e. containing di- or higher
	dicarboxylic acids only and having no free	polyoxyalkylene groups 2209/1033 used as base material
	hydroxy or carboxyl groups	
2207/3045	used as base material	2209/1036 used as thickening agents
2207/32	of carbonic acid	2209/104 of alkylene oxides containing two carbon atom only
2207/325	used as base material	3
2207/34	Esters having a hydrocarbon substituent of thirty	2209/1045 used as base material
	or more carbon atoms, e.g. substituted succinic	2209/105 of alkylene oxides containing three carbon atoms only
	acid derivatives	2209/1055 used as base material
2207/345	used as base material	
2207/40	Fatty vegetable or animal oils	2209/106 of alkylene oxides containing four carbon atoms only
2207/401	used as base material	2209/1065 used as base material
2207/402	Castor oils	2209/107 of two or more specified different
2207/404	obtained from genetically modified species	alkylene oxides covered by groups
2207/4045	used as base material	C10M 2209/104 - C10M 2209/106
2200/00		
7.7.09/00	Organic macromolecular compounds containing	2209/1075 used as base material
2209/00	Organic macromolecular compounds containing oxygen as ingredients in lubricant compositions	2209/1075 used as base material 2209/108 etherified
2209/00	oxygen as ingredients in lubricant compositions	2209/108 etherified
2209/003		2209/108 etherified <u>NOTE</u>
	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons <u>C10M 2205/12</u>) • used as base material	2209/108 etherified NOTE When applying indexing code
2209/003	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons <u>C10M 2205/12</u>)	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to
2209/003 2209/006	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the
2209/003 2209/006	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from
2209/003 2209/006 2209/02	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107
2209/003 2209/006 2209/02 2209/023	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the
2209/003 2209/006 2209/02 2209/023 2209/026	 oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated radical bound to an alcohol or ester thereof; 	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination.
2209/003 2209/006 2209/02 2209/023 2209/026	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated radical bound to an alcohol or ester thereof; bound to an aldehyde, ketonic, ether, ketal or	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example:
2209/003 2209/006 2209/02 2209/023 2209/026 2209/04	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated radical bound to an alcohol or ester thereof; bound to an aldehyde, ketonic, ether, ketal or acetal radical	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination.
2209/003 2209/006 2209/02 2209/023 2209/026 2209/04	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated radical bound to an alcohol or ester thereof; bound to an aldehyde, ketonic, ether, ketal or acetal radical used as base material	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example:
2209/003 2209/006 2209/02 2209/023 2209/026 2209/04 2209/043 2209/046	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated radical bound to an alcohol or ester thereof; bound to an aldehyde, ketonic, ether, ketal or acetal radical used as base material used as thickening agents	NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example: C10M 2209/107 + C10M 2209/108
2209/003 2209/006 2209/02 2209/023 2209/026 2209/04	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated radical bound to an alcohol or ester thereof; bound to an aldehyde, ketonic, ether, ketal or acetal radical used as base material used as thickening agents containing monomers having an unsaturated	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example: C10M 2209/107 + C10M 2209/108 2209/1085 used as base material 2209/109 esterified
2209/003 2209/006 2209/02 2209/023 2209/026 2209/04 2209/043 2209/046	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated radical bound to an alcohol or ester thereof; bound to an aldehyde, ketonic, ether, ketal or acetal radical used as base material used as base material containing monomers having an unsaturated radical bound to an acyloxy radical of saturated radical bound to an acyloxy radical of saturated	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example: C10M 2209/107 + C10M 2209/108 2209/1085 used as base material 2209/109 esterified NOTE
2209/003 2209/006 2209/02 2209/023 2209/026 2209/04 2209/043 2209/046 2209/06	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated radical bound to an alcohol or ester thereof; bound to an aldehyde, ketonic, ether, ketal or acetal radical used as base material used as base material used as thickening agents containing monomers having an unsaturated radical bound to an acyloxy radical of saturated carboxylic or carbonic acid	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example: C10M 2209/107 + C10M 2209/108 2209/1085 used as base material 2209/109 esterified NOTE When applying indexing code
2209/003 2209/006 2209/02 2209/023 2209/026 2209/04 2209/04 2209/046 2209/06	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated radical bound to an alcohol or ester thereof; bound to an aldehyde, ketonic, ether, ketal or acetal radical used as base material used as base material used as thickening agents containing monomers having an unsaturated radical bound to an acyloxy radical of saturated carboxylic or carbonic acid used as base material	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example: C10M 2209/107 + C10M 2209/108 2209/1085 used as base material 2209/109 esterified NOTE When applying indexing code C10M 2209/109, it should be linked to
2209/003 2209/006 2209/02 2209/023 2209/026 2209/04 2209/04 2209/046 2209/06 2209/0606 2209/0613	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated radical bound to an alcohol or ester thereof; bound to an aldehyde, ketonic, ether, ketal or acetal radical used as base material used as thickening agents containing monomers having an unsaturated radical bound to an acyloxy radical of saturated carboxylic or carbonic acid used as base material used as thickening agents	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example: C10M 2209/107 + C10M 2209/108 2209/1085 used as base material 2209/109 esterified NOTE When applying indexing code C10M 2209/109, it should be linked to the appropriate code for identifying the
2209/003 2209/006 2209/02 2209/023 2209/026 2209/04 2209/04 2209/046 2209/06	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated radical bound to an alcohol or ester thereof; bound to an aldehyde, ketonic, ether, ketal or acetal radical used as base material used as thickening agents containing monomers having an unsaturated radical bound to an acyloxy radical of saturated carboxylic or carbonic acid used as base material used as thickening agents used as thickening agents	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example: C10M 2209/107 + C10M 2209/108 2209/1085 used as base material 2209/109 esterified NOTE When applying indexing code C10M 2209/109, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from
2209/003 2209/006 2209/02 2209/023 2209/026 2209/04 2209/043 2209/046 2209/06 2209/0606 2209/0613 2209/062	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated radical bound to an alcohol or ester thereof; bound to an aldehyde, ketonic, ether, ketal or acetal radical used as base material used as thickening agents containing monomers having an unsaturated radical bound to an acyloxy radical of saturated carboxylic or carbonic acid used as base material used as thickening agents vused as thickening agents vused as thickening agents	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example: C10M 2209/107 + C10M 2209/108 2209/1085 used as base material 2209/109 esterified NOTE When applying indexing code C10M 2209/109, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107
2209/003 2209/006 2209/02 2209/023 2209/026 2209/04 2209/04 2209/04 2209/06 2209/0606 2209/0613 2209/062 2209/0625	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated radical bound to an alcohol or ester thereof; bound to an aldehyde, ketonic, ether, ketal or acetal radical used as base material used as base material used as thickening agents containing monomers having an unsaturated radical bound to an acyloxy radical of saturated radical bound to an acyloxy radical of saturated carboxylic or carbonic acid used as base material used as thickening agents vinyl esters of saturated carboxylic or carbonic acids, e.g. vinyl acetate used as base material	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example: C10M 2209/107 + C10M 2209/108 2209/1085 used as base material 2209/109 esterified NOTE When applying indexing code C10M 2209/109, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from
2209/003 2209/006 2209/02 2209/023 2209/026 2209/04 2209/043 2209/046 2209/06 2209/0606 2209/0613 2209/062	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated radical bound to an alcohol or ester thereof; bound to an aldehyde, ketonic, ether, ketal or acetal radical used as base material used as thickening agents containing monomers having an unsaturated radical bound to an acyloxy radical of saturated radical bound to an acyloxy radical of saturated carboxylic or carbonic acid used as base material used as thickening agents vinyl esters of saturated carboxylic or carbonic acids, e.g. vinyl acetate used as base material containing monomers having an unsaturated	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example: C10M 2209/107 + C10M 2209/108 2209/1085 used as base material 2209/109 esterified NOTE When applying indexing code C10M 2209/109, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination.
2209/003 2209/006 2209/02 2209/023 2209/026 2209/04 2209/04 2209/04 2209/06 2209/0606 2209/0613 2209/062 2209/0625	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated radical bound to an alcohol or ester thereof; bound to an aldehyde, ketonic, ether, ketal or acetal radical used as base material used as thickening agents containing monomers having an unsaturated radical bound to an acyloxy radical of saturated radical bound to an acyloxy radical of saturated carboxylic or carbonic acid used as base material used as thickening agents vinyl esters of saturated carboxylic or carbonic acids, e.g. vinyl acetate used as base material containing monomers having an unsaturated radical bound to a carboxyl radical, e.g. acrylate	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example: C10M 2209/107 + C10M 2209/108 2209/1085 used as base material esterified NOTE When applying indexing code C10M 2209/109, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example:
2209/003 2209/006 2209/02 2209/023 2209/026 2209/04 2209/04 2209/04 2209/06 2209/06 2209/0613 2209/062 2209/0625 2209/08	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated radical bound to an alcohol or ester thereof; bound to an aldehyde, ketonic, ether, ketal or acetal radical used as base material used as thickening agents containing monomers having an unsaturated radical bound to an acyloxy radical of saturated carboxylic or carbonic acid used as base material used as base material used as thickening agents vinyl esters of saturated carboxylic or carbonic acids, e.g. vinyl acetate used as base material containing monomers having an unsaturated radical bound to a carboxyl radical, e.g. acrylate type	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example: C10M 2209/107 + C10M 2209/108 2209/1085 used as base material 2209/109 esterified NOTE When applying indexing code C10M 2209/109, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination.
2209/003 2209/006 2209/02 2209/023 2209/026 2209/04 2209/04 2209/06 2209/06 2209/0606 2209/0613 2209/062 2209/0625 2209/0806	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated radical bound to an alcohol or ester thereof; bound to an aldehyde, ketonic, ether, ketal or acetal radical used as base material used as thickening agents containing monomers having an unsaturated radical bound to an acyloxy radical of saturated carboxylic or carbonic acid used as base material used as base material used as thickening agents vinyl esters of saturated carboxylic or carbonic acids, e.g. vinyl acetate used as base material containing monomers having an unsaturated radical bound to a carboxyl radical, e.g. acrylate type used as base material	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example: C10M 2209/107 + C10M 2209/108 2209/1085 used as base material esterified NOTE When applying indexing code C10M 2209/109, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example:
2209/003 2209/006 2209/02 2209/023 2209/026 2209/04 2209/04 2209/046 2209/0606 2209/0613 2209/062 2209/0625 2209/0806 2209/0813	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated radical bound to an alcohol or ester thereof; bound to an aldehyde, ketonic, ether, ketal or acetal radical used as base material used as thickening agents containing monomers having an unsaturated radical bound to an acyloxy radical of saturated carboxylic or carbonic acid used as base material used as base material used as thickening agents vinyl esters of saturated carboxylic or carbonic acids, e.g. vinyl acetate used as base material containing monomers having an unsaturated radical bound to a carboxyl radical, e.g. acrylate type used as base material used as base material used as base material	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example: C10M 2209/107 + C10M 2209/108 2209/1085 2209/109 used as base material NOTE When applying indexing code C10M 2209/109, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example: C10M 2209/107 + C10M 2209/109 2209/1095 used as base material
2209/003 2209/006 2209/02 2209/023 2209/026 2209/04 2209/04 2209/04 2209/0606 2209/0613 2209/062 2209/0625 2209/0806 2209/0813 2209/082	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated radical bound to an alcohol or ester thereof; bound to an aldehyde, ketonic, ether, ketal or acetal radical used as base material used as thickening agents containing monomers having an unsaturated radical bound to an acyloxy radical of saturated carboxylic or carbonic acid used as base material used as thickening agents vinyl esters of saturated carboxylic or carbonic acids, e.g. vinyl acetate containing monomers having an unsaturated radical bound to a carboxyl radical, e.g. acrylate type used as base material	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example: C10M 2209/107 + C10M 2209/108 2209/1085 2209/109 used as base material NOTE When applying indexing code C10M 2209/109, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example: C10M 2209/107 + C10M 2209/109 2209/1095 used as base material
2209/003 2209/006 2209/02 2209/023 2209/026 2209/04 2209/04 2209/046 2209/0606 2209/0613 2209/0625 2209/08 2209/0806 2209/0813 2209/082 2209/084	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated radical bound to an alcohol or ester thereof; bound to an aldehyde, ketonic, ether, ketal or acetal radical used as base material used as thickening agents containing monomers having an unsaturated radical bound to an acyloxy radical of saturated carboxylic or carbonic acid used as base material used as thickening agents vinyl esters of saturated carboxylic or carbonic acids, e.g. vinyl acetate used as base material containing monomers having an unsaturated radical bound to a carboxyl radical, e.g. acrylate type used as base material used as base material	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example: C10M 2209/107 + C10M 2209/108 2209/109 used as base material NOTE When applying indexing code C10M 2209/109, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example: C10M 2209/107 + C10M 2209/109 2209/1095 used as base material 2209/1105 used as base material
2209/003 2209/006 2209/02 2209/023 2209/026 2209/04 2209/04 2209/04 2209/0606 2209/0613 2209/062 2209/0625 2209/0806 2209/0813 2209/082	oxygen as ingredients in lubricant compositions (oxidised hydrocarbons C10M 2205/12) used as base material used as thickening agents Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds used as base material used as thickening agents containing monomers having an unsaturated radical bound to an alcohol or ester thereof; bound to an aldehyde, ketonic, ether, ketal or acetal radical used as base material used as thickening agents containing monomers having an unsaturated radical bound to an acyloxy radical of saturated carboxylic or carbonic acid used as base material used as thickening agents vinyl esters of saturated carboxylic or carbonic acids, e.g. vinyl acetate containing monomers having an unsaturated radical bound to a carboxyl radical, e.g. acrylate type used as base material	2209/108 etherified NOTE When applying indexing code C10M 2209/108, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example: C10M 2209/107 + C10M 2209/108 2209/109 used as base material NOTE When applying indexing code C10M 2209/109, it should be linked to the appropriate code for identifying the alkylene oxide involved, chosen from groups C10M 2209/104 - C10M 2209/107 and by using alpha-numerical order in the combination. Example: C10M 2209/107 + C10M 2209/109 2209/1095 used as base material 2209/11 . Complex polyesters 2209/1105 . used as base material

2200/112		2215/042	
2209/112	having dihydric acid centres	2215/042	containing hydroxy groups; Alkoxylated derivatives thereof
2209/1125	Delyses shorides a green biomely many	2215/0425	used as base material
2209/12	Polysaccharides, e.g. cellulose, biopolymers	2215/0425	having cycloaliphatic groups
2209/123 2209/126	used as base material	2215/044	having amino groups bound to carbon atoms of
2209/120	used as thickening agents	2213/00	six-membered aromatic rings
2211/00	Organic non-macromolecular compounds	2215/061	used as base material
	containing halogen as ingredients in lubricant	2215/062	containing hydroxy groups bound to the
	compositions	2210,002	aromatic ring
2211/003	used as base material	2215/064	Di- and triaryl amines
2211/006	used as thickening agents	2215/065	Phenyl-Naphthyl amines
2211/02	containing carbon, hydrogen and halogen only	2215/066	Arylene diamines
2211/0206	used as base material	2215/067	Polyaryl amine alkanes
2211/0213	used as thickening agents	2215/068	having amino groups bound to polycyclic
2211/022	aliphatic		aromatic ring systems, i.e. systems with three
2211/0225	used as base material		or more condensed rings
2211/024	• • aromatic	2215/08	. Amides
2211/0245	used as base material	2215/0806	used as base material
2211/04	containing carbon, hydrogen, halogen, and oxygen	2215/0813	used as thickening agents
2211/0406	used as base material	2215/082	containing hydroxyl groups; Alkoxylated
2211/0413	used as thickening agents		derivatives
2211/042	Alcohols; Ethers; Aldehydes; Ketones	2215/086	. Imides
2211/0425	used as base material	2215/0865	used as base material
2211/044	. Acids; Salts or esters thereof	2215/10	Amides of carbonic or haloformic acids
2211/0445	used as base material		used as base material
2211/06	Perfluorinated compounds	2215/1013	used as thickening agents
2211/063	used as base material	2215/102	Ureas; Semicarbazides; Allophanates
2211/066	. used as thickening agents		used as base material
2211/08	Halogenated waxes		used as thickening material
2211/083	used as base material	2215/12	Partial amides of polycarboxylic acids
2211/086	used as thickening agents	2215/121	used as thickening agents
		2215/122	Dhtalamic acid
2213/00	Organic macromolecular compounds containing		. Phtalamic acid
2213/00	Organic <u>macromolecular</u> compounds containing halogen as ingredients in lubricant compositions	2215/14	. Containing carbon-to-nitrogen double bounds, e.g.
2213/00 2213/003		2215/14	• Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones
	 halogen as ingredients in lubricant compositions used as base material used as thickening agents 	2215/14 2215/16	Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles
2213/003	 halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, 	2215/14	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g.
2213/003 2213/006 2213/02	 halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only 	2215/14 2215/16 2215/18	Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine
2213/003 2213/006 2213/02 2213/023	 halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material 	2215/14 2215/16 2215/18 2215/182	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds
2213/003 2213/006 2213/02 2213/023 2213/026	 halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents 	2215/14 2215/16 2215/18 2215/182 2215/20	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds
2213/003 2213/006 2213/02 2213/023	 halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, 	2215/14 2215/16 2215/18 2215/182 2215/20 2215/202	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitro groups
2213/003 2213/006 2213/02 2213/023 2213/026 2213/04	 halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, hydrogen, halogen and oxygen 	2215/14 2215/16 2215/18 2215/182 2215/20 2215/202 2215/204	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitro groups containing nitroso groups
2213/003 2213/006 2213/02 2213/023 2213/026 2213/04 2213/043	 halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, hydrogen, halogen and oxygen used as base material 	2215/14 2215/16 2215/18 2215/182 2215/20 2215/202 2215/204 2215/206	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitro groups containing nitroso groups hydroxylamines
2213/003 2213/006 2213/02 2213/023 2213/026 2213/04 2213/043 2213/046	halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, hydrogen, halogen and oxygen used as base material used as thickening agents	2215/14 2215/16 2215/18 2215/182 2215/20 2215/202 2215/204 2215/206 2215/22	Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitro groups containing nitroso groups hydroxylamines Heterocyclic nitrogen compounds
2213/003 2213/006 2213/02 2213/023 2213/026 2213/04 2213/043 2213/046 2213/06	halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, hydrogen, halogen and oxygen used as base material used as thickening agents Perfluoro polymers	2215/14 2215/16 2215/18 2215/20 2215/202 2215/204 2215/206 2215/22 2215/2203	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitro groups containing nitroso groups hydroxylamines Heterocyclic nitrogen compounds used as base material
2213/003 2213/006 2213/02 2213/023 2213/026 2213/04 2213/043 2213/046 2213/06 2213/0606	halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, hydrogen, halogen and oxygen used as base material used as thickening agents Perfluoro polymers used as base material	2215/14 2215/16 2215/18 2215/20 2215/202 2215/204 2215/206 2215/22 2215/2203 2215/2206	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitro groups containing nitroso groups hydroxylamines Heterocyclic nitrogen compounds used as base material used as thickening agents
2213/003 2213/006 2213/02 2213/023 2213/026 2213/04 2213/043 2213/046 2213/060 2213/0606 2213/0613	halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, hydrogen, halogen and oxygen used as base material used as thickening agents Perfluoro polymers used as base material used as thickening agents	2215/14 2215/16 2215/18 2215/20 2215/202 2215/204 2215/206 2215/22 2215/2203	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitro groups containing nitroso groups hydroxylamines Heterocyclic nitrogen compounds used as base material used as thickening agents Six-membered rings containing nitrogen and
2213/003 2213/006 2213/02 2213/023 2213/026 2213/04 2213/043 2213/046 2213/060 2213/0613 2213/062	halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, hydrogen, halogen and oxygen used as base material used as thickening agents Perfluoro polymers used as base material used as thickening agents Perfluoropolymers used as thickening agents Polytetrafluoroethylene [PTFE]	2215/14 2215/16 2215/18 2215/20 2215/202 2215/204 2215/206 2215/22 2215/2203 2215/2206 2215/221	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitro groups containing nitroso groups hydroxylamines Heterocyclic nitrogen compounds used as base material used as thickening agents Six-membered rings containing nitrogen and carbon only
2213/003 2213/006 2213/02 2213/023 2213/026 2213/04 2213/043 2213/046 2213/060 2213/0606 2213/0613 2213/062 2213/0623	halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, hydrogen, halogen and oxygen used as base material used as thickening agents Perfluoro polymers used as base material used as thickening agents Perfluoropolymers used as base material used as thickening agents perfluoropolymers used as base material used as thickening agents polytetrafluoroethylene [PTFE]	2215/14 2215/16 2215/18 2215/20 2215/202 2215/204 2215/206 2215/22 2215/2203 2215/2206	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitrogen-to-oxygen bonds containing nitroso groups hydroxylamines Heterocyclic nitrogen compounds used as base material used as thickening agents Six-membered rings containing nitrogen and carbon only Triazines
2213/003 2213/006 2213/02 2213/023 2213/026 2213/04 2213/043 2213/046 2213/060 2213/0613 2213/062	halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, hydrogen, halogen and oxygen used as base material used as thickening agents Perfluoro polymers used as base material used as thickening agents Perfluoropolymers used as thickening agents Polytetrafluoroethylene [PTFE]	2215/14 2215/16 2215/18 2215/182 2215/20 2215/202 2215/204 2215/206 2215/22 2215/2203 2215/2206 2215/221 2215/221	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitro groups containing nitroso groups hydroxylamines Heterocyclic nitrogen compounds used as base material used as thickening agents Six-membered rings containing nitrogen and carbon only Triazines used as base material
2213/003 2213/006 2213/02 2213/023 2213/026 2213/04 2213/043 2213/046 2213/060 2213/0606 2213/0613 2213/062 2213/0623	halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, hydrogen, halogen and oxygen used as base material used as thickening agents Perfluoro polymers used as base material used as thickening agents Perfluoropolymers used as base material used as thickening agents perfluoropolymers used as base material used as thickening agents polytetrafluoroethylene [PTFE]	2215/14 2215/16 2215/18 2215/182 2215/20 2215/202 2215/204 2215/206 2215/22 2215/2203 2215/2206 2215/221 2215/222 2215/222	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitrogen-to-oxygen bonds containing nitroso groups hydroxylamines Heterocyclic nitrogen compounds used as base material used as thickening agents Six-membered rings containing nitrogen and carbon only Triazines
2213/003 2213/006 2213/02 2213/023 2213/026 2213/04 2213/043 2213/046 2213/06 2213/0606 2213/0613 2213/0623 2213/0623 2213/0626	halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, hydrogen, halogen and oxygen used as base material used as thickening agents Perfluoro polymers used as base material used as thickening agents Perfluoro polymers used as base material used as thickening agents perfluoroethylene [PTFE] used as base material used as thickening agents Polytetrafluoroethylene [PTFE] used as base material used as thickening agents	2215/14 2215/16 2215/18 2215/182 2215/20 2215/202 2215/204 2215/206 2215/22 2215/2203 2215/2206 2215/221 2215/222 2215/222	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitro groups containing nitroso groups hydroxylamines Heterocyclic nitrogen compounds used as base material used as thickening agents Six-membered rings containing nitrogen and carbon only Triazines used as base material Five-membered rings containing nitrogen and
2213/003 2213/006 2213/02 2213/023 2213/026 2213/04 2213/046 2213/060 2213/0606 2213/0613 2213/0623 2213/0623 2213/0626 2215/00	halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, hydrogen, halogen and oxygen used as base material used as thickening agents Perfluoro polymers used as base material used as thickening agents Perfluoro polymers used as base material used as thickening agents Polytetrafluoroethylene [PTFE] used as base material used as thickening agents Polytetrafluoroethylene [promounds containing nitrogen as ingredients in lubricant compositions	2215/14 2215/16 2215/18 2215/182 2215/20 2215/202 2215/204 2215/206 2215/22 2215/2203 2215/2206 2215/221 2215/222 2215/222 2215/222 2215/222	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitro groups containing nitroso groups hydroxylamines Heterocyclic nitrogen compounds used as base material used as thickening agents Six-membered rings containing nitrogen and carbon only Triazines used as base material Five-membered rings containing nitrogen and carbon only
2213/003 2213/006 2213/02 2213/023 2213/026 2213/04 2213/043 2213/046 2213/0606 2213/0613 2213/0623 2213/0623 2213/0626 2215/00	halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, hydrogen, halogen and oxygen used as base material used as thickening agents Perfluoro polymers used as base material used as thickening agents Polytetrafluoroethylene [PTFE] used as base material used as thickening agents Polytetrafluoroethylene [PTFE] used as base material used as ingredients in lubricant compositions used as base material	2215/14 2215/16 2215/18 2215/182 2215/20 2215/204 2215/206 2215/22 2215/2203 2215/2206 2215/221 2215/222 2215/222 2215/222 2215/2223 2215/223	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitrogenys containing nitroso groups hydroxylamines Heterocyclic nitrogen compounds used as base material used as thickening agents Six-membered rings containing nitrogen and carbon only Triazines used as base material five-membered rings containing nitrogen and carbon only Imidazoles
2213/003 2213/006 2213/02 2213/023 2213/026 2213/04 2213/04 2213/06 2213/0606 2213/0613 2213/0623 2213/0623 2213/0626 2215/00	halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, hydrogen, halogen and oxygen used as base material used as thickening agents Perfluoro polymers used as base material used as thickening agents Polytetrafluoroethylene [PTFE] used as base material used as thickening agents Organic non-macromolecular compounds containing nitrogen as ingredients in lubricant compositions used as base material used as base material	2215/14 2215/16 2215/18 2215/182 2215/20 2215/202 2215/204 2215/206 2215/2203 2215/2203 2215/2206 2215/221 2215/222 2215/222 2215/222 2215/223 2215/224 2215/224	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitrogenys containing nitroso groups hydroxylamines Heterocyclic nitrogen compounds used as base material used as thickening agents Six-membered rings containing nitrogen and carbon only Triazines used as base material five-membered rings containing nitrogen and carbon only Imidazoles used as base material
2213/003 2213/006 2213/02 2213/023 2213/026 2213/04 2213/043 2213/046 2213/0606 2213/0613 2213/0623 2213/0623 2213/0626 2215/00	halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, hydrogen, halogen and oxygen used as base material used as thickening agents Perfluoro polymers used as base material used as thickening agents Polytetrafluoroethylene [PTFE] used as base material used as thickening agents Organic non-macromolecular compounds containing nitrogen as ingredients in lubricant compositions used as thickening agents as material used as base material used as base material	2215/14 2215/16 2215/18 2215/182 2215/20 2215/202 2215/204 2215/206 2215/2203 2215/2206 2215/221 2215/222 2215/222 2215/223 2215/224 2215/224 2215/225	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitrogen-to-oxygen bonds containing nitroso groups hydroxylamines Heterocyclic nitrogen compounds used as base material used as thickening agents Six-membered rings containing nitrogen and carbon only Triazines used as base material five-membered rings containing nitrogen and carbon only Imidazoles used as base material the rings containing both nitrogen and oxygen
2213/003 2213/006 2213/02 2213/023 2213/026 2213/04 2213/04 2213/06 2213/0606 2213/0613 2213/0623 2213/0623 2213/0626 2215/00	halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, hydrogen, halogen and oxygen used as base material used as thickening agents Perfluoro polymers used as base material used as thickening agents Polytetrafluoroethylene [PTFE] used as base material used as thickening agents Polytetrafluoroethylene [ptfE] used as base material used as material used as thickening agents Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or	2215/14 2215/16 2215/18 2215/182 2215/20 2215/202 2215/204 2215/220 2215/2203 2215/2206 2215/221 2215/222 2215/222 2215/222 2215/2225 2215/223 2215/224 2215/225 2215/225 2215/225	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitrogen-to-oxygen bonds containing nitroso groups hydroxylamines Heterocyclic nitrogen compounds used as base material used as thickening agents Six-membered rings containing nitrogen and carbon only Triazines used as base material five-membered rings containing nitrogen and carbon only Imidazoles used as base material the rings containing both nitrogen and oxygen Morpholines
2213/003 2213/006 2213/02 2213/023 2213/026 2213/04 2213/043 2213/0606 2213/0606 2213/0613 2213/0623 2213/0626 2215/00 2215/003 2215/003 2215/006	halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, hydrogen, halogen and oxygen used as base material used as thickening agents Perfluoro polymers used as base material used as thickening agents Polytetrafluoroethylene [PTFE] used as base material used as thickening agents Polytetrafluoroethylene [PTFE] used as base material used as thickening agents Organic non-macromolecular compounds containing nitrogen as ingredients in lubricant compositions used as base material used as thickening agents Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 2217/046)	2215/14 2215/16 2215/18 2215/182 2215/20 2215/202 2215/204 2215/206 2215/22 2215/2203 2215/2206 2215/221 2215/222 2215/223 2215/224 2215/224 2215/225 2215/226 2215/226	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitrogen-to-oxygen bonds containing nitroso groups hydroxylamines Heterocyclic nitrogen compounds used as base material used as thickening agents Six-membered rings containing nitrogen and carbon only Triazines used as base material five-membered rings containing nitrogen and carbon only Imidazoles used as base material the rings containing both nitrogen and oxygen Morpholines used as base material
2213/003 2213/006 2213/02 2213/023 2213/026 2213/04 2213/043 2213/0606 2213/0606 2213/0613 2213/0623 2213/0623 2213/0626 2215/00 2215/003 2215/006 2215/002	halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, hydrogen, halogen and oxygen used as base material used as thickening agents Perfluoro polymers used as base material used as thickening agents Polytetrafluoroethylene [PTFE] used as base material used as thickening agents Polytetrafluoroethylene [PTFE] used as base material used as thickening agents Organic non-macromolecular compounds containing nitrogen as ingredients in lubricant compositions used as base material used as thickening agents Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 2217/046) used as base material	2215/14 2215/16 2215/18 2215/182 2215/20 2215/204 2215/206 2215/22 2215/2203 2215/2206 2215/221 2215/222 2215/222 2215/222 2215/222 2215/223 2215/224 2215/224 2215/225 2215/225 2215/225 2215/226 2215/226 2215/227	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitrogen-to-oxygen bonds containing nitroso groups hydroxylamines Heterocyclic nitrogen compounds used as base material used as thickening agents Six-membered rings containing nitrogen and carbon only Triazines used as base material five-membered rings containing nitrogen and carbon only Imidazoles used as base material the rings containing both nitrogen and oxygen Morpholines used as base material horpholines used as thickening agents having hydrocarbon substituents containing thirty
2213/003 2213/006 2213/02 2213/023 2213/026 2213/04 2213/040 2213/0606 2213/0606 2213/0613 2213/0623 2213/0623 2213/0626 2215/000 2215/003 2215/006 2215/023 2215/026	halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, hydrogen, halogen and oxygen used as base material used as thickening agents Perfluoro polymers used as base material used as thickening agents Polytetrafluoroethylene [PTFE] used as base material used as thickening agents Polytetrafluoroethylene [PTFE] used as base material used as thickening agents Organic non-macromolecular compounds containing nitrogen as ingredients in lubricant compositions used as base material used as thickening agents Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 2217/046) used as base material used as thickening agents	2215/14 2215/16 2215/18 2215/182 2215/20 2215/204 2215/206 2215/220 2215/2203 2215/2206 2215/221 2215/222 2215/2225 2215/223 2215/224 2215/224 2215/225 2215/226 2215/226 2215/227 2215/227	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitrogen-to-oxygen bonds containing nitroso groups hydroxylamines Heterocyclic nitrogen compounds used as base material used as thickening agents Six-membered rings containing nitrogen and carbon only Triazines used as base material Five-membered rings containing nitrogen and carbon only Imidazoles used as base material the rings containing both nitrogen and oxygen Morpholines used as base material horpholines used as thickening agents having hydrocarbon substituents containing thirty or more carbon atoms, e.g. nitrogen derivatives of
2213/003 2213/006 2213/02 2213/023 2213/026 2213/04 2213/043 2213/0606 2213/0606 2213/0613 2213/0623 2213/0623 2213/0626 2215/00 2215/003 2215/006 2215/002	halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, hydrogen, halogen and oxygen used as base material used as thickening agents Perfluoro polymers used as base material used as thickening agents Polytetrafluoroethylene [PTFE] used as base material used as thickening agents Polytetrafluoroethylene [PTFE] used as base material used as thickening agents Organic non-macromolecular compounds containing nitrogen as ingredients in lubricant compositions used as base material used as thickening agents Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 2217/046) used as base material used as thickening agents having amino groups bound to acyclic or	2215/14 2215/16 2215/18 2215/182 2215/20 2215/202 2215/204 2215/220 2215/2203 2215/2206 2215/221 2215/222 2215/222 2215/223 2215/224 2215/224 2215/225 2215/226 2215/226 2215/227 2215/227 2215/227	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitrogen-to-oxygen bonds containing nitroso groups hydroxylamines Heterocyclic nitrogen compounds used as base material used as thickening agents Six-membered rings containing nitrogen and carbon only Triazines used as base material five-membered rings containing nitrogen and carbon only Imidazoles used as base material the rings containing both nitrogen and oxygen Morpholines used as base material horpholines used as thickening agents having hydrocarbon substituents containing thirty or more carbon atoms, e.g. nitrogen derivatives of substituted succinic acid
2213/003 2213/006 2213/02 2213/023 2213/026 2213/04 2213/040 2213/0606 2213/0606 2213/0613 2213/0623 2213/0623 2213/0626 2215/000 2215/003 2215/006 2215/023 2215/026	halogen as ingredients in lubricant compositions used as base material used as thickening agents obtained from monomers containing carbon, hydrogen and halogen only used as base material used as thickening agents obtained from monomers containing carbon, hydrogen, halogen and oxygen used as base material used as thickening agents Perfluoro polymers used as base material used as thickening agents Polytetrafluoroethylene [PTFE] used as base material used as thickening agents Polytetrafluoroethylene [PTFE] used as base material used as thickening agents Organic non-macromolecular compounds containing nitrogen as ingredients in lubricant compositions used as base material used as thickening agents Amines, e.g. polyalkylene polyamines; Quaternary amines (polyalkylene polyamines with eleven or more monomer units C10M 2217/046) used as base material used as thickening agents	2215/14 2215/16 2215/18 2215/182 2215/20 2215/204 2215/206 2215/220 2215/2203 2215/2206 2215/221 2215/222 2215/2225 2215/223 2215/224 2215/224 2215/225 2215/226 2215/226 2215/227 2215/227	 Containing carbon-to-nitrogen double bounds, e.g. guanidines, hydrazones, semicarbazones Nitriles Containing nitrogen-to-nitrogen bonds, e.g. hydrazine Azo compounds Containing nitrogen-to-oxygen bonds containing nitrogen-to-oxygen bonds containing nitroso groups hydroxylamines Heterocyclic nitrogen compounds used as base material used as thickening agents Six-membered rings containing nitrogen and carbon only Triazines used as base material Five-membered rings containing nitrogen and carbon only Imidazoles used as base material the rings containing both nitrogen and oxygen Morpholines used as base material horpholines used as thickening agents having hydrocarbon substituents containing thirty or more carbon atoms, e.g. nitrogen derivatives of

2215/26	. Amines	2219/02	Sulfur-containing compounds obtained by
2215/265	used as base material		sulfurisation with sulfur or sulfur-containing
2215/28	Amides; Imides		compounds
2215/285	used as base material	2219/021	used as base material
2215/30	Heterocyclic compounds	2219/022	• of hydrocarbons, e.g. olefines (polyolefins
2215/305	used as base material	2210/024	<u>C10M 2221/041</u>)
2217/00	Organic macromolecular compounds containing	2219/024 2219/04	of esters, e.g. fats containing sulfur-to-oxygen bonds, i.e. sulfones,
	nitrogen as ingredients in lubricant compositions		sulfoxides
2217/003	used as base material	2219/0406	used as base material
2217/006	used as thickening agents	2219/0413	use as thickening agent
2217/02	. Macromolecular compounds obtained from nitrogen	2219/042	Sulfate esters
	containing monomers by reactions only involving	2219/044	Sulfonic acids, Derivatives thereof, e.g. neutral
2217/0207	carbon-to-carbon unsaturated bonds		salts
2217/0206	used as base material	2219/0445	used as thickening agents
2217/0213	used as thickening agents	2219/046	• • Overbased sulfonic acid salts
2217/022	containing monomers having an unsaturated radical bound to an amino group	2219/0463	used as base material
2217/0225	used as base material	2219/0466	used as thickening agents
2217/0225		2219/06	Thio-acids; Thiocyanates; Derivatives thereof
2217/023	• • • the amino group containing an ester bond	2219/061	used as base material
2217/0235	used as base material	2219/062	having carbon-to-sulfur double bonds
2217/024	containing monomers having an unsaturated	2219/064	Thiourea type compounds
2217/0245	radical bound to an amido or imido group used as base material	2219/066	Thiocarbamic type compounds
2217/0243	containing monomers having an unsaturated	2219/068	Thiocarbamate metal salts
2217/020	radical bound to a nitrile group	2219/08	 Thiols; Sulfides; Polysulfides; Mercaptals
2217/0265	used as base material	2219/081	used as base material
2217/028	containing monomers having an unsaturated	2219/082	containing sulfur atoms bound to acyclic or
2217/020	radical bound to a nitrogen-containing hetero ring		cycloaliphatic carbon atoms
2217/0285	used as base material	2219/083	Dibenzyl sulfide
2217/04	Macromolecular compounds from nitrogen-	2219/084	• • containing hydroxy groups; Derivatives thereon
2217701	containing monomers obtained otherwise than	2219/085	containing carboxyl groups; Derivatives thereo
	by reactions only involving carbon-to-carbon	2219/086	• • • containing sulfur atoms bound to carbon atoms
	unsaturated bonds		of six-membered aromatic rings
2217/0403	used as base material	2219/087	containing hydroxy groups; Derivatives
2217/0406	used as thickening agents		thereof, e.g. sulfurised phenols
2217/041	involving a condensation reaction	2219/088	Neutral salts
2217/0415	used as base material	2219/089	Overbased salts
2217/042	between the nitrogen-containing monomer and an	2219/09	Heterocyclic compounds containing no sulfur,
	aldehyde or ketone	2210/10	selenium or tellurium compounds in the ring
2217/0425	used as base material	2219/10	Heterocyclic compounds containing sulfur,
2217/043	Mannich bases	2210/101	selenium or tellurium compounds in the ring . used as base material
2217/0435	used as base material	2219/101	
2217/044	Polyamides	2219/102	containing sulfur and carbon only in the ring
2217/0443	used as base material	2219/104	containing sulfur and carbon with nitrogen or oxygen in the ring
2217/0446	used as thickening agents	2219/106	Thiadiazoles
2217/045	Polyureas; Polyurethanes	2219/100	Phenothiazine
2217/0453	used as base material	2219/108	· · · I henounazme
2217/0456	used as thickening agents	2221/00	Organic macromolecular compounds containing
2217/046	Polyamines, i.e. macromoleculars obtained		sulfur, selenium or tellurium as ingredients in
	by condensation of more than eleven amine		lubricant compositions
	monomers	2221/003	used as base material
2217/0465	used as base material	2221/006	 used as thickening agents
2217/06	Macromolecular compounds obtained by	2221/02	Macromolecular compounds obtained by reactions
	functionalisation op polymers with a nitrogen		of monomers involving only carbon-to-carbon
2217/6:57	containing compound		unsaturated bonds (sulfurised polyolefins
2217/065	used as base material	2221/025	<u>C10M 2221/041</u>)
2219/00	Organic non-macromolecular compounds	2221/025	used as base material
	containing sulfur, selenium or tellurium as	2221/04	Macromolecular compounds obtained otherwise than by reactions only involving earlier to carbon
	ingredients in lubricant compositions		than by reactions only involving carbon-to-carbon unsaturated bonds
2210/002	used as base material	2221/2127	
2219/003	• used as base material	2221/0405	used as base material

2221/041	:1-:	2227/025	
2221/041	involving sulfurisation of macromolecular compounds, e.g. polyolefins	2227/025 2227/04	used as base material
2221/043	Polyoxyalkylene ethers with a thioether group	2227/04	 having a silicon-to-carbon bond, e.g. organo-silanes used as base material
2221/043	I oryoxyalkylene emers with a unoemer group	2227/043	
2223/00	Organic <u>non-macromolecular</u> compounds	2221/00	Organic compounds derived from inorganic acids or metal salts
	containing phosphorus as ingredients in lubricant	2227/0605	used as base material
	compositions	2227/061	Esters derived from boron
2223/003	• used as base material	2227/0615	used as base material
2223/006	• used as thickening agents	2227/0613	Cyclic esters
2223/02	having no phosphorus-to-carbon bonds	2227/0625	used as base material
2223/023	used as base material	2227/0623	Complexes of boron halides
2223/026	used as thickening agents	2227/065	derived from Ti or Zr
2223/04	Phosphate esters	2227/065	derived from Mo or W
2223/0405	used as base material	2227/080	 having metal-to-carbon bonds (metal complexes of
2223/041	Triaryl phosphates	2221/08	unknown constitution C10M 2227/09)
2223/0415	used as base material	2227/081	• with a metal carbon bond belonging to a ring, e.g.
2223/042	Metal salts thereof	2227/001	ferocene
2223/043	Ammonium or amine salts thereof	2227/082	Pb compounds
2223/045	Metal containing thio derivatives	2227/082	Sn compounds
2223/047	Thioderivatives not containing metallic	2227/09	Complexes with metals
	elements	222110)	· Complexes with metals
2223/049	Phosphite	2229/00	Organic macromolecular compounds containing
2223/0495	used as base material		atoms of elements not provided for in groups
2223/06	 having phosphorus-to-carbon bonds 		C10M 2205/00, C10M 2209/00, C10M 2213/00,
2223/0603	used as base material		<u>C10M 2217/00, C10M 2221/00</u> or <u>C10M 2225/00</u> as
2223/0606	used as thickening agents	2220/002	ingredients in lubricant compositions
2223/061	Metal salts	2229/003	used as base material
2223/063	Ammonium or amine salts	2229/006	used as thickening agents
2223/065	containing sulfur	2229/02	Unspecified siloxanes; Silicones
2223/0655	used as thickening agents	2229/025	used as base material
2223/08	 having phosphorus-to-nitrogen bonds 	2229/04	Siloxanes with specific structure
2223/083	used as base material	2229/0405	used as base material
2223/086	used as thickening agents	2229/041	containing aliphatic substituents
2223/10	Phosphatides, e.g. lecithin, cephalin	2229/0415	used as base material
2223/103	used as base material	2229/042	containing aromatic substituents
2223/106	used as thickening agents	2229/0425	used as base material
2223/12	obtained by phosphorisation of organic compounds,	2229/043	containing carbon-to-carbon double bonds
	e.g. with PxSy, PxSyHal or PxOy	2229/0435	used as base material
2223/121	of alcohols or phenols	2229/044	containing silicon-to-hydrogen bonds
2225/00	Organic macromolecular compounds containing	2229/0445	used as base material
2225/00	phosphorus as ingredients in lubricant	2229/045	containing silicon-to-hydroxyl bonds
	compositions	2229/0455	used as base material
2225/003	• used as base material	2229/046	containing silicon-oxygen-carbon bonds
2225/006	used as thickening agents	2229/0465	used as base material
2225/02	Macromolecular compounds from phosphorus-	2229/047	containing alkylene oxide groups
	containg monomers, obtained by reactions involving	2229/0475	used as base material
	only carbon-to-carbon unsaturated bonds	2229/048	containing carboxyl groups
2225/025	used as base material	2229/0485	used as base material
2225/04	obtained by phosphorisation of macromolecualr	2229/05	containing atoms other than silicon, hydrogen,
	compounds not containing phosphorus in the		oxygen or carbon
		777707/15115	
	monomers	2229/0505	used as base material
2225/0405	monomers used as base material	2229/051	containing halogen
2225/0405 2225/041		2229/051 2229/0515	containing halogen used as base material
2225/041	used as base materialHydrocarbon polymers	2229/051 2229/0515 2229/052	containing halogen used as base material containing nitrogen
	used as base materialHydrocarbon polymers Organic <u>non-macromolecular</u> compounds	2229/051 2229/0515 2229/052 2229/0525	containing halogen used as base material containing nitrogen used as base material
2225/041	 used as base material Hydrocarbon polymers Organic <u>non-macromolecular</u> compounds containing atoms of elements not provided	2229/051 2229/0515 2229/052 2229/0525 2229/053	containing halogen used as base material containing nitrogen used as base material containing sulfur
2225/041	 used as base material Hydrocarbon polymers Organic <u>non-macromolecular</u> compounds containing atoms of elements not provided for in groups <u>C10M 2203/00</u> , <u>C10M 2207/00</u> ,	2229/051 2229/0515 2229/052 2229/0525 2229/053 2229/0535	 containing halogen used as base material containing nitrogen used as base material containing sulfur used as base material
2225/041	 used as base material Hydrocarbon polymers Organic non-macromolecular compounds containing atoms of elements not provided for in groups C10M 2203/00, C10M 2207/00, C10M 2211/00, C10M 2215/00, C10M 2219/00	2229/051 2229/0515 2229/052 2229/0525 2229/053 2229/0535 2229/054	 containing halogen used as base material containing nitrogen used as base material containing sulfur used as base material containing phosphorus
2225/041	used as base material Hydrocarbon polymers Organic non-macromolecular compounds containing atoms of elements not provided for in groups C10M 2203/00, C10M 2207/00, C10M 2211/00, C10M 2215/00, C10M 2219/00 or C10M 2223/00 as ingredients in lubricant	2229/051 2229/0515 2229/052 2229/0525 2229/053 2229/0535	 containing halogen used as base material containing nitrogen used as base material containing sulfur used as base material
2225/041	 used as base material Hydrocarbon polymers Organic non-macromolecular compounds containing atoms of elements not provided for in groups C10M 2203/00, C10M 2207/00, C10M 2211/00, C10M 2215/00, C10M 2219/00	2229/051 2229/0515 2229/052 2229/0525 2229/053 2229/054 2229/0545	containing halogen used as base material containing nitrogen used as base material containing sulfur used as base material containing phosphorus used as base material containing phosphorus used as base material
2225/041 2227/00 2227/003	used as base material Hydrocarbon polymers Organic non-macromolecular compounds containing atoms of elements not provided for in groups C10M 2203/00, C10M 2207/00, C10M 2211/00, C10M 2215/00, C10M 2219/00 or C10M 2223/00 as ingredients in lubricant compositions . used as base material	2229/051 2229/0515 2229/052 2229/0525 2229/053 2229/0535 2229/054	containing halogen used as base material containing nitrogen used as base material containing sulfur used as base material containing phosphorus used as base material Mixtures of base materials or thickeners or
2225/041 2227/00	used as base material Hydrocarbon polymers Organic non-macromolecular compounds containing atoms of elements not provided for in groups C10M 2203/00, C10M 2207/00, C10M 2211/00, C10M 2215/00, C10M 2219/00 or C10M 2223/00 as ingredients in lubricant compositions	2229/051 2229/0515 2229/052 2229/0525 2229/053 2229/054 2229/0545	containing halogen used as base material containing nitrogen used as base material containing sulfur used as base material containing phosphorus used as base material containing phosphorus used as base material

C10M

2290/026 • Fuels

2290/04 • Synthetic base oils 2290/10 • Thickener