EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 833

DATE: MAY 1, 2020

PROJECT RP0270

The following classification changes will be effected by this Notice of Changes:

Action	Subclass	Group(s)
SCHEME:		
Symbols Deleted:	C10N	2060/003, 2060/006
	C10N	2210/00, 2210/01, 2210/02, 2210/03, 2210/04, 2210/05, 2210/06, 2210/07, 2210/08
	C10N	2220/00, 2220/02, 2220/021, 2220/022, 2220/023, 2220/024, 2220/025, 2220/026, 2220/027, 2220/028, 2220/029, 2220/03, 2220/031, 2220/032, 2220/033, 2220/04, 2220/06, 2220/08, 2220/082, 2220/084, 2220/086, 2220/10, 2220/12, 2220/13, 2220/14, 2220/142, 2220/144, 2220/146, 2220/30, 2220/301, 2220/302, 2220/303, 2220/304, 2220/305, 2220/306
	C10N	2230/00, 2230/02, 2230/04, 2230/041, 2230/06, 2230/08, 2230/10, 2230/12, 2230/14, 2230/16, 2230/18, 2230/20, 2230/22, 2230/24, 2230/26, 2230/28, 2230/30, 2230/32, 2230/34, 2230/36, 2230/38, 2230/40, 2230/41, 2230/42, 2230/43, 2230/44, 2230/45, 2230/50, 2230/52, 2230/54, 2230/56, 2230/58, 2230/60, 2230/62, 2230/64, 2230/66, 2230/68, 2230/70, 2230/72, 2230/74, 2230/76, 2230/78
	C10N	2240/00, 2240/02, 2240/04, 2240/042, 2240/044, 2240/045, 2240/046, 2240/06, 2240/08, 2240/10, 2240/101, 2240/102, 2240/103, 2240/104, 2240/105, 2240/106, 2240/108, 2240/12, 2240/121, 2240/14, 2240/20, 2240/201, 2240/202, 2240/203, 2240/204, 2240/205, 2240/22, 2240/30, 2240/40, 2240/401, 2240/402, 2240/403, 2240/404, 2240/405, 2240/406, 2240/407, 2240/408, 2240/409, 2240/50, 2240/52, 2240/54, 2240/56, 2240/58, 2240/60, 2240/62, 2240/64, 2240/66
	C10N	2250/00, 2250/02, 2250/021, 2250/022, 2250/04, 2250/06, 2250/08, 2250/10, 2250/12, 2250/121, 2250/14, 2250/141, 2250/16, 2250/18
	C10N	2260/00, 2260/02, 2260/04, 2260/06, 2260/08, 2260/09, 2260/10, 2260/12, 2260/14

Action	Subclass	Group(s)
	C10N	2270/00, 2270/02
	C10N	2280/00
Symbols New:	C10N	2020/01, 2020/011, 2020/013, 2020/015, 2020/017, 2020/019, 2020/055, 2020/061, 2020/063, 2020/065, 2020/067, 2020/069, 2020/071, 2020/073, 2020/075, 2020/077, 2020/079, 2020/081, 2020/083, 2020/085, 2020/09, 2020/091, 2020/093, 2020/095, 2020/097, 2020/099, 2020/101, 2020/103, 2020/104, 2020/105, 2020/106
	C10N	2030/041, 2030/22, 2030/24, 2030/26, 2030/28, 2030/30, 2030/32, 2030/34, 2030/36, 2030/38, 2030/40, 2030/41, 2030/42, 2030/43, 2030/44, 2030/45, 2030/50, 2030/52, 2030/54, 2030/56, 2030/58, 2030/60, 2030/62, 2030/64, 2030/66, 2030/68, 2030/70, 2030/72, 2030/74, 2030/76, 2030/78
	C10N	2040/042, 2040/044, 2040/045, 2040/046, 2040/135, 2040/17, 2040/175, 2040/185, 2040/241, 2040/242, 2040/243, 2040/244, 2040/245, 2040/246, 2040/247, 2040/251, 2040/252, 2040/253, 2040/255, 2040/38, 2040/40, 2040/42, 2040/44, 2040/46, 2040/48, 2040/50
	C10N	2050/01, 2050/011, 2050/013, 2050/015, 2050/023, 2050/025, 2050/12, 2050/14
	C10N	2060/01, 2060/09
	C10N	2070/02
Titles Changed:	C10N	2010/02, 2010/04, 2010/06, 2010/08, 2010/10, 2010/12, 2010/16
	C10N	2020/00
	C10N	2030/00, 2030/04, 2030/12, 2030/16
	C10N	2040/10, 2040/16, 2040/22, 2040/24, 2040/25, 2040/26, 2040/28, 2040/30, 2040/32, 2040/36
	C10N	2050/04, 2050/08, 2050/10
	C10N	2060/06
	C10N	2070/00
Indents Changed:	C10N	2020/02, 2020/04, 2020/06
	C10N	2040/26, 2040/28
	C10N	2050/02
Warnings New:	C10N	2010/14, 2010/16
Warnings Modified:	C08J	subclass
Notes Deleted:	C10N	2210/00, 2220/30

DATE: MAY 1, 2020

PROJECT RP0270

Action	Subclass	Group(s)
Notes New:	C10N	2020/097

The following subclasses/groups are also impacted by this Notice of Changes: B01J, C08J, C10M

This Notice of Changes includes the following *[Check the ones included]:*

1. CLASSIFICATION SCHEME CHANGES

    ☒ A. New, Modified or Deleted Group(s)

    ☒ B. New, Modified or Deleted Warning(s)

    ☒ C. New, Modified or Deleted Note(s)

    ☐ D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

    ☐ A. New or Modified Definitions (Full definition template)

    ☐ B. Modified or Deleted Definitions (Definitions Quick Fix)

3. ☒ REVISION CONCORDANCE LIST (RCL)

4. ☒ CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

5. ☒ CHANGES TO THE CROSS-REFERENCE LIST (CRL)

1. CLASSIFICATION SCHEME CHANGES

   A. New, Modified or Deleted Group(s)

SUBCLASS C10N - INDEXING SCHEME ASSOCIATED WITH SUBCLASS C10M RELATING TO LUBRICATING COMPOSITIONS

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
U	C10N 2010/00	0	Metal present as such or in compounds	
T	C10N 2010/02	1	Groups 1 or 11	
T	C10N 2010/04	1	Groups 2 or 12	
T	C10N 2010/06	1	Groups 3 or 13	
T	C10N 2010/08	1	Groups 4 or 14	
T	C10N 2010/10	1	Groups 5 or 15	
T	C10N 2010/12	1	Groups 6 or 16	
C	C10N 2010/14	1	Group 7	C10N2010/14, C10N2010/16
T	C10N 2010/16	1	Groups 8, 9, or 10	
T	C10N 2020/00	0	Specified physical {or chemical properties or characteristics, i.e. function,} of component of lubricating compositions	
N	C10N 2020/01	1	{Physico-chemical properties}	
N	C10N2020/011	2	{Cloud point}	
N	C10N2020/013	2	{Iodine value}	
N	C10N2020/015	2	{Distillation range}	
N	C10N2020/017	2	{Specific gravity or density}	
N	C10N2020/019	2	{Shear stability}	
T	C10N2020/02	2	Viscosity; Viscosity index	
T	C10N2020/04	2	Molecular weight; Molecular weight distribution	
N	C10N 2020/055	2	{Particles related characteristics}	
T	C10N 2020/06	3	Particles of special shape or size	
N	C10N 2020/061	3	{Coated particles}	
N	C10N 2020/063	3	{Fibrous forms}	
N	C10N 2020/065	2	{Saturated Compounds}	
N	C10N 2020/067	2	{Unsaturated Compounds}	
N	C10N 2020/069	2	{Linear chain compounds}	
N	C10N 2020/071	2	{Branched chain compounds}	
N	C10N 2020/073	2	{Star shaped polymers}	
N	C10N 2020/075	2	{Dendrimers}	
N	C10N 2020/077	2	{Ionic Liquids}	
N	C10N2020/079	2	{Liquid crystals}	
N	C10N 2020/081	2	{Biodegradable compounds}	
N	C10N 2020/083	2	{Volatile compounds}	
N	C10N 2020/085	2	{Non-volatile compounds}	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	C10N 2020/09	1	{Characteristics associated with water}	
N	C10N 2020/091	2	{Water solubility}	
N	C10N 2020/093	2	{Insolubility in water}	
N	C10N 2020/095	2	{Crystal water containing compounds}	
N	C10N 2020/097	2	{Refrigerants}	
N	C10N 2020/099	3	{Containing Chlorofluorocarbons}	
N	C10N 2020/101	3	{Containing Hydrofluorocarbons}	
N	C10N 2020/103	3	{Containing Hydrocarbons}	
N	C10N 2020/104	3	{Containing Nitrogen}	
N	C10N 2020/105	3	{Containing Ammonia}	
N	C10N 2020/106	3	{Containing Carbon dioxide}	
T	C10N2030/00		Specified physical or chemical properties which is improved by the additive characterising the lubricating composition, e.g. multifunctional additives	
T	C10N 2030/04	1	Detergent property or dispersant property	
N	C10N 2030/041	2	{Soot induced viscosity control}	
U	C10N2030/06	1	Oiliness; Film-strength; Anti-wear; Resistance to extreme pressure	
M	C10N2030/12	1	Inhibition of corrosion, e.g. anti-rust agents or anti-corrosives	
T	C10N2030/16	1	Antiseptic; {(micro)}biocidal {or bactericidal}	
U	C10N2030/20	1	Colour, e.g. dyes	
N	C10N 2030/22	1	{Degreasing properties}	
N	C10N 2030/24	1	{Emulsion properties}	
N	C10N 2030/26	1	{Waterproofing or water resistance}	
N	C10N 2030/28	1	{Anti-static}	
N	C10N 2030/30	1	{Anti-misting}	
N	C10N 2030/32	1	{Light or X-ray resistance}	
N	C10N 2030/34	1	{Fragrance or deodorizing properties}	
N	C10N 2030/36	1	{Seal compatibility, e.g. with rubber}	
N	C10N 2030/38	1	{Catalyst protection, e.g. in exhaust gas converters}	
N	C10N 2030/40	1	{Low content or no content compositions}	
N	C10N 2030/41	2	{Chlorine free or low chlorine content compositions}	
N	C10N 2030/42	2	{Phosphor free or low phosphor content compositions}	
N	C10N 2030/43	2	{Sulfur free or low sulfur content compositions}	
N	C10N 2030/44	2	{Boron free or low content boron compositions}	
N	C10N 2030/45	2	{Ash-less or low ash content}	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	C10N 2030/50	1	{Emission or smoke controlling properties}	
N	C10N 2030/52	1	{Base number [TBN]}	
N	C10N 2030/54	1	{Fuel economy}	
N	C10N 2030/56	1	{Boundary lubrication or thin film lubrication}	
N	C10N 2030/58	1	{Elastohydrodynamic lubrication, e.g. for high compressibility layers}	
N	C10N 2030/60	1	{Electro rheological properties}	
N	C10N 2030/62	1	{Food grade properties}	
N	C10N 2030/64	1	{Environmental friendly compositions}	
N	C10N 2030/66	1	{Hydrolytic stability}	
N	C10N 2030/68	1	{Shear stability}	
N	C10N 2030/70	1	{Soluble oils}	
N	C10N 2030/72	1	{Extended drain}	
N	C10N 2030/74	1	{Noack Volatility}	
N	C10N 2030/76	1	{Reduction of noise, shudder, or vibrations}	
N	C10N 2030/78	1	{Fuel contamination}	
U	C10N2040/00		Specified use or application for which the lubricating composition is intended	
U	C10N2040/04	1	Oil-bath; Gear-boxes; Automatic transmissions; Traction drives	
N	C10N 2040/042	2	{for automatic transmissions}	
N	C10N 2040/044	2	{for manual transmissions}	
N	C10N 2040/045	2	{for continuous variable transmission [CVT]}	
N	C10N 2040/046	2	{for traction drives}	
T	C10N2040/10	1	Running-in-oil{; Grinding}	
U	C10N2040/13	2	Aircraft turbines	
N	C10N2040/135	1	{Steam engines or turbines}	
T	C10N2040/16	2	Dielectric; Insulating oil {or insulators}	
N	C10N2040/17	2	{for electric contacts}	
N	C10N2040/175	2	{Pantographs, i.e. printing devices}	
U	C10N2040/18	2	in connection with recordings on magnetic tape or disc	
N	C10N2040/185	2	{Magnetic fluids}	
T	C10N2040/22	2	with essential removal of material {, e.g. cutting, grinding or drilling}	
T	C10N2040/24	2	without essential removal of material {, e.g. forming, gorging, drawing, pressing, stamping, rolling or extruding}; Punching metal	
N	C10N 2040/241	2	{Manufacturing joint-less pipes}	
N	C10N 2040/242	2	{Hot working}	
N	C10N 2040/243	2	{Cold working}	
N	C10N 2040/244	2	{of specific metals}	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	C10N 2040/245	3	{Soft metals, e.g. aluminum}	
N	C10N 2040/246	3	{Iron or steel}	
N	C10N 2040/247	3	{Stainless steel}	
T	C10N2040/25	1	Internal-combustion engines	
N	C10N 2040/251	2	{Alcohol fueled engines}	
N	C10N 2040/252	2	{Diesel engines}	
N	C10N 2040/253	3	{Small diesel engines}	
N	C10N 2040/255	2	{Gasoline engines}	
T	C10N 2040/26	3	Two-strokes {or two-cycle engines}	
T	C10N 2040/28	3	Rotary {engines}	
T	C10N 2040/30	1	Refrigerators lubricants {or compressors lubricants}	
T	C10N 2040/32	1	Wires, ropes or cables lubricants	
T	C10N 2040/36	1	Release agents {or mold release agents}	
N	C10N 2040/38	1	{Conveyors or chain belts}	
N	C10N 2040/40	1	{Generators or electric motors in oil or gas winning field}	
N	C10N 2040/42	1	{Flashing oils or marking oils}	
N	C10N 2040/44	1	{Super vacuum or supercritical use}	
N	C10N 2040/46	1	{Textile oils}	
N	C10N 2040/48	1	{Slushing oils}	
N	C10N 2040/50	1	{Medical uses}	
U	C10N 2050/00	0	Form in which the lubricant is applied to the material being lubricated	
N	C10N 2050/01	1	{Emulsions, colloids, or micelles}	
N	C10N 2050/011	2	{Oil-in-water}	
N	C10N 2050/013	2	{Water-in-oil}	
N	C10N2050/015	1	{Dispersions of solid lubricants}	
T	C10N 2050/02	2	dissolved or suspended in a carrier which subsequently evaporates to leave a lubricant coating	
N	C10N 2050/023	1	{Multi-layer lubricant coatings}	
N	C10N 2050/025	2	{in the form of films or sheets}	
T	C10N2050/04	1	Aerosols	
T	C10N2050/08	1	Solids	
T	C10N2050/10	1	Semi-solids ; greasy	
N	C10N 2050/12	1	{Micro capsules}	
N	C10N 2050/14	1	{Composite materials or sliding materials in which lubricants are integrally molded}	
T	C10N 2060/00	0	Chemical after-treatment of the constituents of the lubricating composition	
D	C10N2060/003			<Administrative transfer to C10N2060/01>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	C10N2060/006			<Administrative transfer to C10N2060/09>
N	C10N 2060/01	1	{by organic hydroxy group containing compounds}	
T	C10N2060/06	1	by epoxydes {or oxyalkylation reactions}	
U	C10N2060/08	1	Halogenation	
N	C10N 2060/09	1	{Treatment with nitrogen containing compounds}	
T	C10N 2070/00	0	Specific manufacturing methods for lubricant compositions	
N	C10N 2070/02	1	{Concentrating of additives}	
D	C10N 2210/00	0		<Administrative transfer to C10N 2010/00>
D	C10N 2210/01	1		<Administrative transfer to C10N 2010/02>
D	C10N 2210/02	1		<Administrative transfer to C10N 2010/04>
D	C10N 2210/03	1		<Administrative transfer to C10N 2010/06>
D	C10N 2210/04	1		<Administrative transfer to C10N 2010/08>
D	C10N 2210/05	1		<Administrative transfer to C10N 2010/10>
D	C10N 2210/06	1		<Administrative transfer to C10N 2010/12>
D	C10N 2210/07	1		<Administrative transfer to C10N 2010/14>
D	C10N 2210/08	2		<Administrative transfer to C10N 2010/14 >
D	C10N 2220/00	0		<administrative transfer to C10N 2020/00>
D	C10N 2220/02	1		<Administrative transfer to C10N 2020/01>
D	C10N 2220/021	2		<Administrative transfer to C10N 2020/04>
D	C10N 2220/022	2		<Administrative transfer to C10N 2020/02>
D	C10N 2220/023	2		<Administrative transfer to C10N 2020/011>
D	C10N 2220/024	2		<Administrative transfer to C10N 2020/013>
D	C10N 2220/025	2		<Administrative transfer to C10N 2020/065>
D	C10N 2220/026	2		<Administrative transfer to C10N 2020/067>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	C10N 2220/027	2		\<Administrative transfer to C10N 2020/069>
D	C10N 2220/028	2		\<Administrative transfer to C10N 2020/071>
D	C10N 2220/029	2		\<Administrative transfer to C10N 2020/073>
D	C10N 2220/03	2		\<Administrative transfer to C10N 2020/075>
D	C10N 2220/031	2		\<Administrative transfer to C10N 2020/015>
D	C10N 2220/032	2		\<Administrative transfer to C10N 2020/017>
D	C10N 2220/033	2		\<Administrative transfer to C10N 2020/019>
D	C10N 2220/04	2		\<Administrative transfer to C10N 2020/077>
D	C10N 2220/06	2		\<Administrative transfer to C10N 2020/079>
D	C10N 2220/08	2		\<Administrative transfer to C10N 2020/055>
D	C10N 2220/082	3		\<Administrative transfer to C10N 2020/06>
D	C10N 2220/084	3		\<Administrative transfer to C10N 2020/061>
D	C10N 2220/086	3		\<Administrative transfer to C10N 2020/063>
D	C10N 2220/10	2		\<Administrative transfer to C10N 2020/081>
D	C10N 2220/12	2		\<Administrative transfer to C10N 2020/083>
D	C10N 2220/13	2		\<Administrative transfer to C10N 2020/085>
D	C10N 2220/14	1		\<Administrative transfer to C10N 2020/09>
D	C10N 2220/142	2		\<Administrative transfer to C10N 2020/091>
D	C10N 2220/144	2		\<Administrative transfer to C10N 2020/093>
D	C10N 2220/146	2		\<Administrative transfer to C10N 2020/095>
D	C10N 2220/30	2		\<Administrative transfer to C10N 2020/097>
D	C10N 2220/301	3		\<Administrative transfer to C10N 2020/099>
D	C10N 2220/302	3		\<Administrative transfer to C10N 2020/101>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	C10N 2220/303	3		<Administrative transfer to C10N 2020/103>
D	C10N 2220/304	3		<Administrative transfer to C10N 2020/104>
D	C10N 2220/305	3		<Administrative transfer to C10N 2020/105>
D	C10N 2220/306	3		<Administrative transfer to C10N 2020/106>
D	C10N 2230/00	0		<administrative transfer to C10N 2030/00>
D	C10N 2230/02	1		<administrative transfer to C10N 2030/02>
D	C10N 2230/04	1		<administrative transfer to C10N 2030/04>
D	C10N 2230/041	2		<administrative transfer to C10N 2030/041>
D	C10N 2230/06	1		<administrative transfer to C10N 2030/06>
D	C10N 2230/08	1		<administrative transfer to C10N 2030/08>
D	C10N 2230/10	1		<administrative transfer to C10N 2030/10>
D	C10N 2230/12	1		<administrative transfer to C10N 2030/12>
D	C10N 2230/14	1		<administrative transfer to C10N 2030/14>
D	C10N 2230/16	1		<administrative transfer to C10N 2030/16>
D	C10N 2230/18	1		<administrative transfer to C10N 2030/18>
D	C10N 2230/20	1		<administrative transfer to C10N 2030/20>
D	C10N 2230/22	1		<administrative transfer to C10N 2030/22>
D	C10N 2230/24	1		<administrative transfer to C10N 2030/24>
D	C10N 2230/26	1		<administrative transfer to C10N 2030/26>
D	C10N 2230/28	1		<administrative transfer to C10N 2030/28>
D	C10N 2230/30	1		<administrative transfer to C10N 2030/30>
D	C10N 2230/32	1		<administrative transfer to C10N 2030/32>
D	C10N 2230/34	1		<administrative transfer to C10N 2030/34>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	C10N 2230/36	1		\<administrative transfer to C10N 2030/36>
D	C10N 2230/38	1		\<administrative transfer to C10N 2030/38>
D	C10N 2230/40	1		\<administrative transfer to C10N 2030/40>
D	C10N 2230/41	2		\<administrative transfer to C10N 2030/41>
D	C10N 2230/42	2		\<administrative transfer to C10N 2030/42>
D	C10N 2230/43	2		\<administrative transfer to C10N 2030/43>
D	C10N 2230/44	2		\<administrative transfer to C10N 2030/44>
D	C10N 2230/45	2		\<administrative transfer to C10N 2030/45>
D	C10N 2230/50	1		\<administrative transfer to C10N 2030/50>
D	C10N 2230/52	1		\<administrative transfer to C10N 2030/52>
D	C10N 2230/54	1		\<administrative transfer to C10N 2030/54>
D	C10N 2230/56	1		\<administrative transfer to C10N 2030/56>
D	C10N 2230/58	1		\<administrative transfer to C10N 2030/58>
D	C10N 2230/60	1		\<administrative transfer to C10N 2030/60>
D	C10N 2230/62	1		\<administrative transfer to C10N 2030/62>
D	C10N 2230/64	1		\<administrative transfer to C10N 2030/64>
D	C10N 2230/66	1		\<administrative transfer to C10N 2030/66>
D	C10N 2230/68	1		\<administrative transfer to C10N 2030/68>
D	C10N 2230/70	1		\<administrative transfer to C10N 2030/70>
D	C10N 2230/72	1		\<administrative transfer to C10N 2030/72>
D	C10N 2230/74	1		\<administrative transfer to C10N 2030/74>
D	C10N 2230/76	1		\<administrative transfer to C10N 2030/76>
D	C10N 2230/78	1		\<administrative transfer to C10N 2030/78>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	C10N 2240/00	0		\<administrative transfer to C10N 2040/00>
D	C10N 2240/02	1		\<administrative transfer to C10N 2040/02>
D	C10N 2240/04	1		\<Administrative transfer to C10N 2040/04>
D	C10N 2240/042	2		\<Administrative transfer to C10N 2040/042>
D	C10N 2240/044	2		\<Administrative transfer to C10N 2040/044>
D	C10N 2240/045	2		\<Administrative transfer to C10N 2040/045>
D	C10N 2240/046	2		\<Administrative transfer to C10N 2040/046>
D	C10N 2240/06	1		\<administrative transfer to C10N 2040/06>
D	C10N 2240/08	1		\<administrative transfer to C10N 2040/08>
D	C10N 2240/10	1		\<administrative transfer to C10N 2040/25>
D	C10N 2240/101	2		\<administrative transfer to C10N 2040/251>
D	C10N 2240/102	2		\<administrative transfer to C10N 2040/252>
D	C10N 2240/103	3		\<administrative transfer to C10N 2040/253>
D	C10N 2240/104	2		\<administrative transfer to C10N 2040/255>
D	C10N 2240/105	3		\<administrative transfer to C10N 2040/26>
D	C10N 2240/106	3		\<administrative transfer to C10N 2040/28>
D	C10N 2240/108	2		\<administrative transfer to C10N 2040/10>
D	C10N 2240/12	1		\<administrative transfer to C10N 2040/12>
D	C10N 2240/121	2		\<administrative transfer to C10N 2040/13>
D	C10N 2240/14	1		\<administrative transfer to C10N 2040/135>
D	C10N 2240/20	1		\<administrative transfer to C10N 2040/14>
D	C10N 2240/201	2		\<administrative transfer to C10N 2040/16>
D	C10N 2240/202	2		\<administrative transfer to C10N 2040/17>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	C10N 2240/203	2		\<administrative transfer to C10N 2040/175\>
D	C10N 2240/204	2		\<administrative transfer to C10N 2040/18\>
D	C10N 2240/205	2		\<administrative transfer to C10N 2040/185\>
D	C10N 2240/22	1		\<administrative transfer to C10N 2040/34\>
D	C10N 2240/30	1		\<administrative transfer to C10N 2040/30\>
D	C10N 2240/40	1		\<administrative transfer to C10N 2040/20\>
D	C10N 2240/401	2		\<administrative transfer to C10N 2040/22\>
D	C10N 2240/402	2		\<administrative transfer to C10N 2040/24\>
D	C10N 2240/403	2		\<administrative transfer to C10N 2040/241\>
D	C10N 2240/404	2		\<administrative transfer to C10N 2040/242\>
D	C10N 2240/405	2		\<administrative transfer to C10N 2040/243\>
D	C10N 2240/406	2		\<administrative transfer to C10N 2040/244\>
D	C10N 2240/407	3		\<administrative transfer to C10N 2040/245\>
D	C10N 2240/408	3		\<administrative transfer to C10N 2040/246\>
D	C10N 2240/409	3		\<administrative transfer to C10N 2040/247\>
D	C10N 2240/50	1		\<administrative transfer to C10N 2040/32\>
D	C10N 2240/52	1		\<administrative transfer to C10N 2040/38\>
D	C10N 2240/54	1		\<administrative transfer to C10N 2040/40\>
D	C10N 2240/56	1		\<administrative transfer to C10N 2040/42\>
D	C10N 2240/58	1		\<administrative transfer to C10N 2040/36\>
D	C10N 2240/60	1		\<administrative transfer to C10N 2040/44\>
D	C10N 2240/62	1		\<administrative transfer to C10N 2040/46\>
D	C10N 2240/64	1		\<administrative transfer to C10N 2040/48\>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	C10N 2240/66	!		\<administrative transfer to C10N 2040/50\>
D	C10N 2250/00	0		\<Administrative transfer to C10N 2050/00\>
D	C10N 2250/02	1		\<Administrative transfer to C10N 2050/01\>
D	C10N 2250/021	2		\<Administrative transfer to C10N 2050/011\>
D	C10N 2250/022	2		\<Administrative transfer to C10N 2050/013\>
D	C10N 2250/04	1		\<Administrative transfer to C10N 2050/04\>
D	C10N 2250/06	1		\<Administrative transfer to C10N 2050/06\>
D	C10N 2250/08	1		\<Administrative transfer to C10N 2050/08\>
D	C10N 2250/10	1		\<Administrative transfer to C10N 2050/10\>
D	C10N 2250/12	1		\<Administrative transfer to C10N 2050/015\>
D	C10N 2250/121	2		\<Administrative transfer to C10N 2050/02\>
D	C10N 2250/14	1		\<Administrative transfer to C10N 2050/023\>
D	C10N 2250/141	2		\<Administrative transfer to C10N 2050/025\>
D	C10N 2250/16	1		\<Administrative transfer to C10N 2050/12\>
D	C10N 2250/18	1		\<Administrative transfer to C10N 2050/14\>
D	C10N 2260/00	0		\<Administrative transfer to C10N 2060/00\>
D	C10N 2260/02	1		\<Administrative transfer to C10N 2060/02\>
D	C10N 2260/04	1		\<Administrative transfer to C10N 2060/04\>
D	C10N 2260/06	1		\<Administrative transfer to C10N 2060/06\>
D	C10N 2260/08	1		\<Administrative transfer to C10N 2060/08\>
D	C10N 2260/09	1		\<Administrative transfer to C10N 2060/09\>
D	C10N 2260/10	1		\<Administrative transfer to C10N 2060/10\>
D	C10N 2260/12	1		\<Administrative transfer to C10N 2060/12\>

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	C10N 2260/14	1		\<Administrative transfer to C10N 2060/14>
D	C10N 2270/00	0		\<Administrative transfer to C10N 2070/00>
D	C10N 2270/02	1		\<Administrative transfer to C10N 2070/02>
D	C10N 2280/00	0		\<Administrative transfer to C10N 2080/00>

*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; T= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:
- **No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- U groups: it is obligatory to display the required "anchor" symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups).Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types.
- "Transferred to" column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the "Transferred to" column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: "< administrative transfer to XX>", "<administrative transfer to XX and YY simultaneously>", or "<administrative transfer to XX, YY, ...and ZZ simultaneously>" when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be "additional information".
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations "ADD" or "INV": <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the "D" entries of 2000-series or Y-series groups may not require a destination ("Transferred to") symbol, however it is required to specify "<no transfer>" in the "Transferred to" column for such cases.
- For finalisation projects, the deleted "F" symbols should have <no transfer> in the "Transferred to" column.
- For more details about the types of scheme change, see CPC Guide.

B. New, Modified or Deleted Warning(s)

SUBCLASS C10N - INDEXING SCHEME ASSOCIATED WITH SUBCLASS C10M RELATING TO LUBRICATING COMPOSITIONS

Type*	Location	Old Warning	New/Modified Warning
N	C10N 2010/14		Insert the following new warning. Group C10N 2010/14 is impacted by reclassification into group C10N 2010/16. Groups C10N 2010/14 and C10N 2010/16 should be considered in order to perform a complete search.
N	C10N 2010/16		Insert the following new warning. Group C10N 2010/16 is incomplete pending reclassification of documents from group C10N 2010/14. Groups C10N 2010/14 and C10N 2010/16 should be considered in order to perform a complete search.

*N = new warning, M = modified warning, D = deleted warning

NOTE: The "Location" column only requires the symbol PRIOR to the location of the warning. No further directions such as "before" or "after" are required.

SUBCLASS C08J- WORKING-UPGENERAL PROCESSES OF COMPOUNDINGAFTER-TREATMENT NOT COVERED BY SUBCLASSES C08B, C08C, C08F, C08Gmechanical aspects B29; layered products, manufacture thereof B32B; treatment of macromolecular material specially adapted to enhance its filling properties in mortars, concrete or artificial stone C04B 16/04, C04B 18/20, C04B 20/00; treatment of textiles D06)

Type*	Location	Old Warning	New/Modified Warning
M	C08J	C08J 5/16 covered by C10N 2250/18	C08J 5/16 covered by C10N 2050/14

*N = new warning, M = modified warning, D = deleted warning

NOTE: The "Location" column only requires the symbol PRIOR to the location of the warning. No further directions such as "before" or "after" are required.

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C. New, Modified or Deleted Note(s)

SUBCLASS C10N - INDEXING SCHEME ASSOCIATED WITH SUBCLASS C10M RELATING TO LUBRICATING COMPOSITIONS

Type*	Location	Old Note	New/Modified Note
N	C10N2020/097		Insert the following new note. {Indexing codes C10N2020/099 - C10N2020/106 are only used in association with group C10M171/008 to provide information about the specific refrigerant.}
D	C10N2210/00	Indexing codes C10N2210/01 - C10N2210/08 are only to be used as linked codes in combination with codes chosen from subclass C10M identifying the chemical nature of the compounds concerned: Example C10M2201/084 + C10N2210/02	Delete the existing note.
D	C10N2220/30	Indexing codes C10N2220/301 - C10N2220/306 are only used in asssociation with group C10M171/008 to provide information about the specific refrigerant	Delete the existing note.

*N = new note, M = modified note, D = deleted note

NOTE: The "Location" column only requires the symbol PRIOR to the location of the note. No further directions such as "before" or "after" are required.

3.   REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
C	C10N 2010/14	C10N 2010/14, C10N 2010/16
D	C10N 2060/003	<Administrative transfer to C10N 2060/01>
D	C10N 2060/006	<Administrative transfer to C10N 2060/09>
D	C10N 2210/00	<Administrative transfer to C10N 2010/00>
D	C10N 2210/01	<Administrative transfer to C10N 2010/02>
D	C10N 2210/02	<Administrative transfer to C10N 2010/04>
D	C10N 2210/03	<Administrative transfer to C10N 2010/06>
D	C10N 2210/04	<Administrative transfer to C10N 2010/08>
D	C10N 2210/05	<Administrative transfer to C10N 2010/10>
D	C10N 2210/06	<Administrative transfer to C10N 2010/12>
D	C10N 2210/07	<Administrative transfer to C10N 2010/14>
D	C10N 2210/08	<Administrative transfer to C10N 2010/14 >
D	C10N 2220/00	<administrative transfer to C10N 2020/00>
D	C10N 2220/02	<Administrative transfer to C10N 2020/01>
D	C10N 2220/021	<Administrative transfer to C10N 2020/04>
D	C10N 2220/022	<Administrative transfer to C10N 2020/02>
D	C10N 2220/023	<Administrative transfer to C10N 2020/011>
D	C10N 2220/024	<Administrative transfer to C10N 2020/013>
D	C10N 2220/025	<Administrative transfer to C10N 2020/065>
D	C10N 2220/026	<Administrative transfer to C10N 2020/067>
D	C10N 2220/027	<Administrative transfer to C10N 2020/069>
D	C10N 2220/028	<Administrative transfer to C10N 2020/071>
D	C10N 2220/029	<Administrative transfer to C10N 2020/073>
D	C10N 2220/03	<Administrative transfer to C10N 2020/075>
D	C10N 2220/031	<Administrative transfer to C10N 2020/015>
D	C10N 2220/032	<Administrative transfer to C10N 2020/017>
D	C10N 2220/033	<Administrative transfer to C10N 2020/019>
D	C10N 2220/04	<Administrative transfer to C10N 2020/077>
D	C10N 2220/06	<Administrative transfer to C10N 2020/079>
D	C10N 2220/08	<Administrative transfer to C10N 2020/055>
D	C10N 2220/082	<Administrative transfer to C10N 2020/06>
D	C10N 2220/084	<Administrative transfer to C10N 2020/061>
D	C10N 2220/086	<Administrative transfer to C10N 2020/063>
D	C10N 2220/10	<Administrative transfer to C10N 2020/081>
D	C10N 2220/12	<Administrative transfer to C10N 2020/083>
D	C10N 2220/13	<Administrative transfer to C10N 2020/085>
D	C10N 2220/14	<Administrative transfer to C10N 2020/09>
D	C10N 2220/142	<Administrative transfer to C10N 2020/091>
D	C10N 2220/144	<Administrative transfer to C10N 2020/093>
D	C10N 2220/146	<Administrative transfer to C10N 2020/095>
D	C10N 2220/30	<Administrative transfer to C10N 2020/097>
D	C10N 2220/301	<Administrative transfer to C10N 2020/099>
D	C10N 2220/302	<Administrative transfer to C10N 2020/101>
D	C10N 2220/303	<Administrative transfer to C10N 2020/103>
D	C10N 2220/304	<Administrative transfer to C10N 2020/104>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	C10N 2220/305	<Administrative transfer to C10N 2020/105>
D	C10N 2220/306	<Administrative transfer to C10N 2020/106>
D	C10N 2230/00	<administrative transfer to C10N 2030/00>
D	C10N 2230/02	<administrative transfer to C10N 2030/02>
D	C10N 2230/04	<administrative transfer to C10N 2030/04>
D	C10N 2230/041	<administrative transfer to C10N 2030/041>
D	C10N 2230/06	<administrative transfer to C10N 2030/06>
D	C10N 2230/08	<administrative transfer to C10N 2030/08>
D	C10N 2230/10	<administrative transfer to C10N 2030/10>
D	C10N 2230/12	<administrative transfer to C10N 2030/12>
D	C10N 2230/14	<administrative transfer to C10N 2030/14>
D	C10N 2230/16	<administrative transfer to C10N 2030/16>
D	C10N 2230/18	<administrative transfer to C10N 2030/18>
D	C10N 2230/20	<administrative transfer to C10N 2030/20>
D	C10N 2230/22	<administrative transfer to C10N 2030/22>
D	C10N 2230/24	<administrative transfer to C10N 2030/24>
D	C10N 2230/26	<administrative transfer to C10N 2030/26>
D	C10N 2230/28	<administrative transfer to C10N 2030/28>
D	C10N 2230/30	<administrative transfer to C10N 2030/30>
D	C10N 2230/32	<administrative transfer to C10N 2030/32>
D	C10N 2230/34	<administrative transfer to C10N 2030/34>
D	C10N 2230/36	<administrative transfer to C10N 2030/36>
D	C10N 2230/38	<administrative transfer to C10N 2030/38>
D	C10N 2230/40	<administrative transfer to C10N 2030/40>
D	C10N 2230/41	<administrative transfer to C10N 2030/41>
D	C10N 2230/42	<administrative transfer to C10N 2030/42>
D	C10N 2230/43	<administrative transfer to C10N 2030/43>
D	C10N 2230/44	<administrative transfer to C10N 2030/44>
D	C10N 2230/45	<administrative transfer to C10N 2030/45>
D	C10N 2230/50	<administrative transfer to C10N 2030/50>
D	C10N 2230/52	<administrative transfer to C10N 2030/52>
D	C10N 2230/54	<administrative transfer to C10N 2030/54>
D	C10N 2230/56	<administrative transfer to C10N 2030/56>
D	C10N 2230/58	<administrative transfer to C10N 2030/58>
D	C10N 2230/60	<administrative transfer to C10N 2030/60>
D	C10N 2230/62	<administrative transfer to C10N 2030/62>
D	C10N 2230/64	<administrative transfer to C10N 2030/64>
D	C10N 2230/66	<administrative transfer to C10N 2030/66>
D	C10N 2230/68	<administrative transfer to C10N 2030/68>
D	C10N 2230/70	<administrative transfer to C10N 2030/70>
D	C10N 2230/72	<administrative transfer to C10N 2030/72>
D	C10N 2230/74	<administrative transfer to C10N 2030/74>
D	C10N 2230/76	<administrative transfer to C10N 2030/76>
D	C10N 2230/78	<administrative transfer to C10N 2030/78>
D	C10N 2240/00	<administrative transfer to C10N 2040/00>
D	C10N 2240/02	<administrative transfer to C10N 2040/02>
D	C10N 2240/04	<Administrative transfer to C10N 2040/04>
D	C10N 2240/042	<Administrative transfer to C10N 2040/042>
D	C10N 2240/044	<Administrative transfer to C10N 2040/044>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	C10N 2240/045	<Administrative transfer to C10N 2040/045>
D	C10N 2240/046	<Administrative transfer to C10N 2040/046>
D	C10N 2240/06	<administrative transfer to C10N 2040/06>
D	C10N 2240/08	<administrative transfer to C10N 2040/08>
D	C10N 2240/10	<administrative transfer to C10N 2040/25>
D	C10N 2240/101	<administrative transfer to C10N 2040/251>
D	C10N 2240/102	<administrative transfer to C10N 2040/252>
D	C10N 2240/103	<administrative transfer to C10N 2040/253>
D	C10N 2240/104	<administrative transfer to C10N 2040/255>
D	C10N 2240/105	<administrative transfer to C10N 2040/26>
D	C10N 2240/106	<administrative transfer to C10N 2040/28>
D	C10N 2240/108	<administrative transfer to C10N 2040/10>
D	C10N 2240/12	<administrative transfer to C10N 2040/12>
D	C10N 2240/121	<administrative transfer to C10N 2040/13>
D	C10N 2240/14	<administrative transfer to C10N 2040/135>
D	C10N 2240/20	<administrative transfer to C10N 2040/14>
D	C10N 2240/201	<administrative transfer to C10N 2040/16>
D	C10N 2240/202	<administrative transfer to C10N 2040/17>
D	C10N 2240/203	<administrative transfer to C10N 2040/175>
D	C10N 2240/204	<administrative transfer to C10N 2040/18>
D	C10N 2240/205	<administrative transfer to C10N 2040/185>
D	C10N 2240/22	<administrative transfer to C10N 2040/34>
D	C10N 2240/30	<administrative transfer to C10N 2040/30>
D	C10N 2240/40	<administrative transfer to C10N 2040/20>
D	C10N 2240/401	<administrative transfer to C10N 2040/22>
D	C10N 2240/402	<administrative transfer to C10N 2040/24>
D	C10N 2240/403	<administrative transfer to C10N 2040/241>
D	C10N 2240/404	<administrative transfer to C10N 2040/242>
D	C10N 2240/405	<administrative transfer to C10N 2040/243>
D	C10N 2240/406	<administrative transfer to C10N 2040/244>
D	C10N 2240/407	<administrative transfer to C10N 2040/245>
D	C10N 2240/408	<administrative transfer to C10N 2040/246>
D	C10N 2240/409	<administrative transfer to C10N 2040/247>
D	C10N 2240/50	<administrative transfer to C10N 2040/32>
D	C10N 2240/52	<administrative transfer to C10N 2040/38>
D	C10N 2240/54	<administrative transfer to C10N 2040/40>
D	C10N 2240/56	<administrative transfer to C10N 2040/42>
D	C10N 2240/58	<administrative transfer to C10N 2040/36>
D	C10N 2240/60	<administrative transfer to C10N 2040/44>
D	C10N 2240/62	<administrative transfer to C10N 2040/46>
D	C10N 2240/64	<administrative transfer to C10N 2040/48>
D	C10N 2240/66	<administrative transfer to C10N 2040/50>
D	C10N 2250/00	<Administrative transfer to C10N 2050/00>
D	C10N 2250/02	<Administrative transfer to C10N 2050/01>
D	C10N 2250/021	<Administrative transfer to C10N 2050/011>
D	C10N 2250/022	<Administrative transfer to C10N 2050/013>
D	C10N 2250/04	<Administrative transfer to C10N 2050/04>
D	C10N 2250/06	<Administrative transfer to C10N 2050/06>
D	C10N 2250/08	<Administrative transfer to C10N 2050/08>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	C10N 2250/10	<Administrative transfer to C10N 2050/10>
D	C10N 2250/12	<Administrative transfer to C10N 2050/015>
D	C10N 2250/121	<Administrative transfer to C10N 2050/02>
D	C10N 2250/14	<Administrative transfer to C10N 2050/023>
D	C10N 2250/141	<Administrative transfer to C10N 2050/025>
D	C10N 2250/16	<Administrative transfer to C10N 2050/12>
D	C10N 2250/18	<Administrative transfer to C10N 2050/14>
D	C10N 2260/00	<Administrative transfer to C10N 2060/00>
D	C10N 2260/02	<Administrative transfer to C10N 2060/02>
D	C10N 2260/04	<Administrative transfer to C10N 2060/04>
D	C10N 2260/06	<Administrative transfer to C10N 2060/06>
D	C10N 2260/08	<Administrative transfer to C10N 2060/08>
D	C10N 2260/09	<Administrative transfer to C10N 2060/09>
D	C10N 2260/10	<Administrative transfer to C10N 2060/10>
D	C10N 2260/12	<Administrative transfer to C10N 2060/12>
D	C10N 2260/14	<Administrative transfer to C10N 2060/14>
D	C10N 2270/00	<Administrative transfer to C10N 2070/00>
D	C10N 2270/02	<Administrative transfer to C10N 2070/02>
D	C10N 2280/00	<Administrative transfer to C10N 2080/00>

* C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed.

NOTES:
- Only C, D, F, and Q type entries are included in the table above.
- When multiple symbols are included in the "To" column, do not use ranges of symbols.
- For administrative transfer of documents, the following text should be used: "< administrative transfer to XX>", "<administrative transfer to XX and YY simultaneously>", or "<administrative transfer to XX, YY, ...and ZZ simultaneously>" when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be "additional information".
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations "ADD" or "INV": <administrative transfer to XX ADD>, <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the "D" entries of 2000-series or Y-series groups may not require a destination ("To") symbol, however it is required to specify "<no transfer>" in the "To" column for such cases.
- RCL is not needed for finalisation projects.

4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

CPC	IPC	Action*
C10N 2020/01	C10N 20/00	NEW
C10N 2020/011	C10N 20/00	NEW
C10N 2020/013	C10N 20/00	NEW
C10N 2020/015	C10N 20/00	NEW
C10N 2020/017	C10N 20/00	NEW
C10N 2020/019	C10N 20/00	NEW
C10N 2020/055	C10N 20/00	NEW
C10N 2020/061	C10N 20/00	NEW
C10N 2020/063	C10N 20/00	NEW
C10N 2020/065	C10N 20/00	NEW
C10N 2020/067	C10N 20/00	NEW
C10N 2020/069	C10N 20/00	NEW
C10N 2020/071	C10N 20/00	NEW
C10N 2020/073	C10N 20/00	NEW
C10N 2020/075	C10N 20/00	NEW
C10N 2020/077	C10N 20/00	NEW
C10N 2020/079	C10N 20/00	NEW
C10N 2020/081	C10N 20/00	NEW
C10N 2020/083	C10N 20/00	NEW
C10N 2020/085	C10N 20/00	NEW
C10N 2020/09	C10N 20/00	NEW
C10N 2020/091	C10N 20/00	NEW
C10N 2020/093	C10N 20/00	NEW
C10N 2020/095	C10N 20/00	NEW
C10N 2020/097	C10N 20/00	NEW
C10N 2020/099	C10N 20/00	NEW
C10N 2020/101	C10N 20/00	NEW
C10N 2020/103	C10N 20/00	NEW
C10N 2020/104	C10N 20/00	NEW
C10N 2020/105	C10N 20/00	NEW
C10N 2020/106	C10N 20/00	NEW
C10N 2030/041	C10N 30/04	NEW
C10N 2030/22	C10N 30/00	NEW
C10N 2030/24	C10N 30/00	NEW
C10N 2030/26	C10N 30/00	NEW
C10N 2030/28	C10N 30/00	NEW
C10N 2030/30	C10N 30/00	NEW
C10N 2030/32	C10N 30/00	NEW
C10N 2030/34	C10N 30/00	NEW
C10N 2030/36	C10N 30/00	NEW
C10N 2030/38	C10N 30/00	NEW
C10N 2030/40	C10N 30/00	NEW

CPC	IPC	Action*
C10N 2030/41	C10N 30/00	NEW
C10N 2030/42	C10N 30/00	NEW
C10N 2030/43	C10N 30/00	NEW
C10N 2030/44	C10N 30/00	NEW
C10N 2030/45	C10N 30/00	NEW
C10N 2030/50	C10N 30/00	NEW
C10N 2030/52	C10N 30/00	NEW
C10N 2030/54	C10N 30/00	NEW
C10N 2030/56	C10N 30/00	NEW
C10N 2030/58	C10N 30/00	NEW
C10N 2030/60	C10N 30/00	NEW
C10N 2030/62	C10N 30/00	NEW
C10N 2030/64	C10N 30/00	NEW
C10N 2030/66	C10N 30/00	NEW
C10N 2030/68	C10N 30/00	NEW
C10N 2030/70	C10N 30/00	NEW
C10N 2030/72	C10N 30/00	NEW
C10N 2030/74	C10N 30/00	NEW
C10N 2030/76	C10N 30/00	NEW
C10N 2030/78	C10N 30/00	NEW
C10N 2040/042	C10N 40/04	NEW
C10N 2040/044	C10N 40/04	NEW
C10N 2040/045	C10N 40/04	NEW
C10N 2040/046	C10N 40/04	NEW
C10N 2040/135	C10N 40/00	NEW
C10N 2040/17	C10N 40/14	NEW
C10N 2040/175	C10N 40/14	NEW
C10N 2040/185	C10N 40/14	NEW
C10N 2040/241	C10N 40/20	NEW
C10N 2040/242	C10N 40/20	NEW
C10N 2040/243	C10N 40/20	NEW
C10N 2040/244	C10N 40/20	NEW
C10N 2040/245	C10N 40/20	NEW
C10N 2040/246	C10N 40/20	NEW
C10N 2040/247	C10N 40/20	NEW
C10N 2040/251	C10N 40/25	NEW
C10N 2040/252	C10N 40/25	NEW
C10N 2040/253	C10N 40/25	NEW
C10N 2040/255	C10N 40/25	NEW
C10N 2040/38	C10N 40/00	NEW
C10N 2040/40	C10N 40/00	NEW
C10N 2040/42	C10N 40/00	NEW
C10N 2040/44	C10N 40/00	NEW
C10N 2040/46	C10N 40/00	NEW
C10N 2040/48	C10N 40/00	NEW

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CPC	IPC	Action*
C10N 2040/50	C10N 40/00	NEW
C10N 2050/01	C10N 50/00	NEW
C10N 2050/011	C10N 50/00	NEW
C10N 2050/013	C10N 50/00	NEW
C10N 2050/015	C10N 50/00	NEW
C10N 2050/023	C10N 50/00	NEW
C10N 2050/025	C10N 50/00	NEW
C10N 2050/12	C10N 50/00	NEW
C10N 2050/14	C10N 50/00	NEW
C10N 2060/003		DELETE
C10N 2060/006		DELETE
C10N 2060/01	C10N 60/00	NEW
C10N 2060/09	C10N 60/00	NEW
C10N 2070/02	C10N 70/00	NEW
C10N 2210/00		DELETE
C10N 2210/01		DELETE
C10N 2210/02		DELETE
C10N 2210/03		DELETE
C10N 2210/04		DELETE
C10N 2210/05		DELETE
C10N 2210/06		DELETE
C10N 2210/07		DELETE
C10N 2210/08		DELETE
C10N 2220/00		DELETE
C10N 2220/02		DELETE
C10N 2220/021		DELETE
C10N 2220/022		DELETE
C10N 2220/023		DELETE
C10N 2220/024		DELETE
C10N 2220/025		DELETE
C10N 2220/026		DELETE
C10N 2220/027		DELETE
C10N 2220/028		DELETE
C10N 2220/029		DELETE
C10N 2220/03		DELETE
C10N 2220/031		DELETE
C10N 2220/032		DELETE
C10N 2220/033		DELETE
C10N 2220/04		DELETE
C10N 2220/06		DELETE
C10N 2220/08		DELETE
C10N 2220/082		DELETE
C10N 2220/084		DELETE
C10N 2220/086		DELETE
C10N 2220/10		DELETE

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CPC	**IPC**	**Action***
C10N 2220/12		DELETE
C10N 2220/13		DELETE
C10N 2220/14		DELETE
C10N 2220/142		DELETE
C10N 2220/144		DELETE
C10N 2220/146		DELETE
C10N 2220/30		DELETE
C10N 2220/301		DELETE
C10N 2220/302		DELETE
C10N 2220/303		DELETE
C10N 2220/304		DELETE
C10N 2220/305		DELETE
C10N 2220/306		DELETE
C10N 2230/00		DELETE
C10N 2230/02		DELETE
C10N 2230/04		DELETE
C10N 2230/041		DELETE
C10N 2230/06		DELETE
C10N 2230/08		DELETE
C10N 2230/10		DELETE
C10N 2230/12		DELETE
C10N 2230/14		DELETE
C10N 2230/16		DELETE
C10N 2230/18		DELETE
C10N 2230/20		DELETE
C10N 2230/22		DELETE
C10N 2230/24		DELETE
C10N 2230/26		DELETE
C10N 2230/28		DELETE
C10N 2230/30		DELETE
C10N 2230/32		DELETE
C10N 2230/34		DELETE
C10N 2230/36		DELETE
C10N 2230/38		DELETE
C10N 2230/40		DELETE
C10N 2230/41		DELETE
C10N 2230/42		DELETE
C10N 2230/43		DELETE
C10N 2230/44		DELETE
C10N 2230/45		DELETE
C10N 2230/50		DELETE
C10N 2230/52		DELETE
C10N 2230/54		DELETE
C10N 2230/56		DELETE
C10N 2230/58		DELETE

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CPC	IPC	Action*
C10N 2230/60		DELETE
C10N 2230/62		DELETE
C10N 2230/64		DELETE
C10N 2230/66		DELETE
C10N 2230/68		DELETE
C10N 2230/70		DELETE
C10N 2230/72		DELETE
C10N 2230/74		DELETE
C10N 2230/76		DELETE
C10N 2230/78		DELETE
C10N 2240/00		DELETE
C10N 2240/02		DELETE
C10N 2240/04		DELETE
C10N 2240/042		DELETE
C10N 2240/044		DELETE
C10N 2240/045		DELETE
C10N 2240/046		DELETE
C10N 2240/06		DELETE
C10N 2240/08		DELETE
C10N 2240/10		DELETE
C10N 2240/101		DELETE
C10N 2240/102		DELETE
C10N 2240/103		DELETE
C10N 2240/104		DELETE
C10N 2240/105		DELETE
C10N 2240/106		DELETE
C10N 2240/108		DELETE
C10N 2240/12		DELETE
C10N 2240/121		DELETE
C10N 2240/14		DELETE
C10N 2240/20		DELETE
C10N 2240/201		DELETE
C10N 2240/202		DELETE
C10N 2240/203		DELETE
C10N 2240/204		DELETE
C10N 2240/205		DELETE
C10N 2240/22		DELETE
C10N 2240/30		DELETE
C10N 2240/40		DELETE
C10N 2240/401		DELETE
C10N 2240/402		DELETE
C10N 2240/403		DELETE
C10N 2240/404		DELETE
C10N 2240/405		DELETE
C10N 2240/406		DELETE

CPC	IPC	Action*
C10N 2240/407		DELETE
C10N 2240/408		DELETE
C10N 2240/409		DELETE
C10N 2240/50		DELETE
C10N 2240/52		DELETE
C10N 2240/54		DELETE
C10N 2240/56		DELETE
C10N 2240/58		DELETE
C10N 2240/60		DELETE
C10N 2240/62		DELETE
C10N 2240/64		DELETE
C10N 2240/66		DELETE
C10N 2250/00		DELETE
C10N 2250/02		DELETE
C10N 2250/021		DELETE
C10N 2250/022		DELETE
C10N 2250/04		DELETE
C10N 2250/06		DELETE
C10N 2250/08		DELETE
C10N 2250/10		DELETE
C10N 2250/12		DELETE
C10N 2250/121		DELETE
C10N 2250/14		DELETE
C10N 2250/141		DELETE
C10N 2250/16		DELETE
C10N 2250/18		DELETE
C10N 2260/00		DELETE
C10N 2260/02		DELETE
C10N 2260/04		DELETE
C10N 2260/06		DELETE
C10N 2260/08		DELETE
C10N 2260/09		DELETE
C10N 2260/10		DELETE
C10N 2260/12		DELETE
C10N 2260/14		DELETE
C10N 2270/00		DELETE
C10N 2270/02		DELETE
C10N 2280/00		DELETE

*Action column:
- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with "NEW."
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with "UPDATED."
- For a (D) CPC entry or indexing entry complete the Action column with "DELETE." IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with "NEW".

- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with "CPCONLY" and complete the action column with "NEW".

NOTES:
- F symbols are <u>not</u> included in the CICL table above.
- T and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.

*Action column:
- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with "NEW."
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with "UPDATED."
- For a (D) CPC entry or indexing entry complete the Action column with "DELETE." IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with "NEW".
- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with "CPCONLY" and complete the action column with "NEW".

NOTES:
- F symbols are <u>not</u> included in the CICL table above.
- T and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.

5. CROSS-REFERENCE LIST (CRL)

Definitions references impacted by this revision project

Location of reference to be changed	**Referenced subclass or group to be changed**	**Section of definition**	**Action; New reference symbol; New text**
B01J13/00	C10N2250/16	Informative references	Replace the existing symbol "C10N2250/16" in the Informative references table with the following symbol. C10N 2050/12
C08G83/003	C10N2220/03	Informative references	Replace the existing symbol "C10N2220/03" in the Informative references table with the following symbol. C10N 2020/075
C10M	C10N2220/022	Special rules of classification Combinations of symbols chosen from C10M, C10N are used in a C-set for classifying a specific ingredient having a specific parameter. A Group III base oil (base oil having a viscosity index of 120 or more and comprising 0.03 % or less sulfur and 90% or more saturates) is classified with C10M 2203/1025, C10N 2220/022.	Replace the existing symbol "C10N2220/022" in the Special rules of classification section with the following symbol. C10N 2020/02
C10M	C10N2210/02	Special rules of classification A specific salt may be indexed by using a combination of symbols chosen from C10M, C10N in a C-set. A neutral calcium sulfonate is classified with C10M 2219/044, C10N 2210/02.	Replace the existing symbol "C10N2210/02" in the Special rules of classification section with the following symbol. C10N 2010/04

Location of reference to be changed	Referenced subclass or group to be changed	Section of definition	Action; New reference symbol; New text
C10M	C10N2210/02	Special rules of classification Example: C10M 2201/084, C10N 2210/02: inorganic acids or salts containing sulfur, selenium or tellurium used as ingredients in lubricant compositions and wherein the metal present in the acids or salts is from group II, e.g. Mg, Ca, Ba, Zn, Cd, Hg.	Replace the existing symbol "C10N2210/02" in the Special rules of classification section with the following symbol. C10N 2010/04
C10M	C10N2210/00 C10N2210/08	Special rules of classification The groups C10N 2010/00 - C10N 2080/00 are not used any more and are replaced by C10N 2210/00 - C10N 2210/08. Those indexing codes are only used as linked codes in combination with codes chosen from subclass **C10M2000/00** subgroups identifying the chemical nature of the compounds concerned.	Replace the existing paragraph in the Special rules of classification section with the following paragraph. The groups C10N 2010/00 - C10N2080/00 are used in combination with codes chosen from subgroups C10M2201/00 - C10M2201/18 identifying the chemical nature of the compounds concerned.
C10M	C10N2220/301	Special rules of classification	Replace the existing symbol "C10N2220/301" in the Special rules of classification section with the following symbol. C10N 2020/099
C10M	C10N2220/306	Special rules of classification	Replace the existing symbol "C10N2220/306" in the Special rules of classification section with the following symbol. C10N 2020/106
C10M	C10N2210/00	Special rules of classification	Replace the existing symbol "C10N2210/00" in the Special rules of classification section with the following symbol. C10N 2010/00

Location of reference to be changed	Referenced subclass or group to be changed	Section of definition	Action; New reference symbol; New text
C10M	C10N2220/00	Special rules of classification	Replace the existing symbol "C10N2220/00" in the Special rules of classification section with the following symbol. C10N2020/00
C10M	C10N2230/00	Special rules of classification	Replace the existing symbol "C10N2230/00" in the Special rules of classification section with the following symbol. C10N2030/00
C10M	C10N2240/00	Special rules of classification • The purpose, use or application of the lubricant composition (C10N 2240/00);	Replace the existing symbol "C10N2240/00" in the Special rules of classification section with the following symbol. C10N2040/00
C10M	C10N2240/204	Special rules of classification • Lubricants used in magnetic head and magnetic media applications are classified in G11B and C10N 2240/204 and C10N 2240/205;	Replace the existing symbol "C10N2240/204" in the Special rules of classification section with the following symbol. C10N2040/18
C10M	C10N2240/205	Special rules of classification • Lubricants used in magnetic head and magnetic media applications are classified in G11B and C10N 2240/204 and C10N 2240/205;	Replace the existing symbol "C10N2240/205" in the Special rules of classification section with the following symbol. C10N2040/185
C10M	C10N2250/00	Special rules of classification • The form in which the lubricant composition is applied (C10N 2250/00);	Replace the existing symbol "C10N2250/00" in the Special rules of classification section with the following symbol. C10N2050/00
C10M	C10N2260/00	Special rules of classification • Chemical modification by after-treatment of lubricant	Replace the existing symbol "C10N2260/00" in the Special rules of classification section with the following symbol.

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Location of reference to be changed	Referenced subclass or group to be changed	Section of definition	Action; New reference symbol; New text
		constituents (C10N 2260/00);	C10N2060/00
C10M	C10N2270/00	Special rules of classification • Special methods of preparation (C10N 2270/00);	<u>Replace</u> the existing symbol "C10N2270/00" in the Special rules of classification section with the following symbol. C10N2070/00
C10M	C10N2280/00	Special rules of classification • Special pretreatment of the surface to be lubricated (C10N 2280/00).	<u>Replace</u> the existing symbol "C10N2280/00" in the Special rules of classification section with the following symbol. C10N2080/00
C10M113/00	C10N2210/00	Special rules of classification Symbols from C10M 2201/0406 - C10M 2201/145 and C10N 2210/00 if a metal is concerned, should be additionally used.	<u>Replace</u> the existing paragraph in the Special rules of classification section with the following new paragraph. Symbols from C10M 2201/0406 - C10M 2201/145 and C10N 2010/00 if a metal is concerned, should be additionally used
C10M 117/00	C10N2210/00	Special rules of classification Symbols from C10M 2207/106 - C10M 2207/246, C10N 2210/00 should be additionally used	<u>Replace</u> the existing paragraph in the Special rules of classification section with the following paragraph. Additionally, symbols from C10M 2207/106 - C10M 2207/246, and C10N 2010/00 should be used.
C10M 125/00	C10N2210/00	Special rules of classification Symbols from C10M 2201/02 - C10M 2201/18 and C10N 2210/00, if a metal is concerned, should be additionally used.	<u>Replace</u> the existing paragraph in the Special rules of classification section with the following paragraph. Additionally, symbols from C10M 2201/02 - C10M 2201/18 and C10N 2010/00, if a metal is concerned, should be used.

Location of reference to be changed	Referenced subclass or group to be changed	Section of definition	Action; New reference symbol; New text
C10M 171/00	C10N2220/00	Special rules of classification Ionic liquids or liquid crystals are classified in C10M 171/00. Symbol in C10N 2220/00 and in C10N 2230/00 are generally to be associated with this group.	Replace the existing paragraph in the Special rules of classification section with the following paragraph. Ionic liquids or liquid crystals are classified in C10M 171/00. Symbol in C10N 2020/00 and in C10N 2030/00, generally, are to be associated with this group.

NOTES:
- The CRL tables above are used for changes to locations **outside** of the project scope. Changes to references in scheme titles or definitions <u>inside</u> the project scope will be reflected in the "scheme change" template or one of the "definition" templates.
- In addition to other changes proposed in the tables above, in the column titled "Referenced subclass or group to be changed," **referenced** D symbols should indicate an action of "delete" or should indicate a replacement symbol and **referenced** F symbols should indicate a replacement symbol.
- When a reference is deleted, text related to that reference will also be deleted unless other references or a range of references associated with the same text remain.