SECTION C — CHEMISTRY; METALLURGY

C10 PETROLEUM, GAS OR COKE INDUSTRIES; TECHNICAL GASES CONTAINING CARBON MONOXIDE; FUELS; LUBRICANTS; PEAT

C10N INDEXING SCHEME ASSOCIATED WITH SUBCLASS C10M [4]

Note(s) [4]

1. This subclass constitutes an indexing scheme associated with subclass C10M, relating to:
   - metals and the metal of a compound in group C10N 10/00;
   - the properties of the lubricant composition or constituents thereof in groups C10N 20/00, C10N 30/00;
   - the use or application of the lubricant composition in group C10N 40/00;
   - the form in which the lubricant composition is applied in group C10N 50/00;
   - chemical modification by after-treatment of lubricant constituents in group C10N 60/00;
   - special methods of preparation in group C10N 70/00;
   - special pretreatment of the material to be lubricated in group C10N 80/00.
2. In this subclass, the following terms or expressions 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".

10/00 Metal present as such or in compounds [4, 2006.01]

Note(s) [4, 2010.01]

In this group, metals should be indexed according to their group of the Periodic Table.

10/02 • Groups 1 or 11 **[4, 2006.01]**
10/04 • Groups 2 or 12 **[4, 2006.01]**
10/06 • Groups 3 or 13 **[4, 2006.01]**
10/08 • Groups 4 or 14 **[4, 2006.01]**
10/10 • Groups 5 or 15 **[4, 2006.01]**
10/12 • Groups 6 or 16 **[4, 2006.01]**
10/14 • Group 7 **[4, 2006.01]**
10/16 • Groups 8, 9 or 10 **[4, 2006.01]**

20/00 Specified physical properties of component of lubricating compositions [4, 2006.01]

20/02 • Viscosity; Viscosity index **[4, 2006.01]**
20/04 • Molecular weight; Molecular weight distribution **[4, 2006.01]**
20/06 • Particles of special shape or size **[4, 2006.01]**

30/00 Specified physical or chemical property which is improved by the additive characterising the lubricating composition, e.g. multifunctional additives [4, 2006.01]

30/02 • Pour-point; Viscosity index **[4, 2006.01]**
30/04 • Detergent or dispersant property **[4, 2006.01]**
30/06 • Oiliness; Film-strength; Anti-wear; Resistance to extreme pressure **[4, 2006.01]**
30/08 • Resistance to extreme temperature **[4, 2006.01]**
30/10 • Inhibition of oxidation, e.g. anti-oxidants **[4, 2006.01]**
30/12 • Inhibition of corrosion, e.g. anti-rust agents, anti-corrosives **[4, 2006.01]**
30/14 • Metal deactivation **[4, 2006.01]**
30/16 • Antiseptic; Biocidal **[4, 2006.01]**
30/18 • Anti-foaming property **[4, 2006.01]**
30/20 • Colour, e.g. dyes **[4, 2006.01]**

40/00 Specified use or application for which the lubricating composition is intended [4, 2006.01]

40/02 • Bearings **[4, 2006.01]**
40/04 • Oil-bath; Gear-boxes; Automatic transmissions; Traction drives **[4, 2006.01]**
40/06 • Instruments or other precision apparatus, e.g. damping fluids **[4, 2006.01]**
40/08 • Hydraulic fluids, e.g. brake-fluids **[4, 2006.01]**
40/10 • Running-in oil **[4, 2006.01]**
40/12 • Gas-turbines **[4, 2006.01]**
40/13 • • Aircraft turbines **[5, 2006.01]**
40/14 • Electric or magnetic purposes **[4, 2006.01]**
40/16 • • dielectric; Insulating oil **[4, 2006.01]**
40/18 • • in connection with recordings on magnetic tape or disc **[4, 2006.01]**
40/20 • Metal working **[4, 2006.01]**
40/22 • • with essential removal of material **[4, 2006.01]**
40/24 • • without essential removal of material; Punching metal **[4, 2006.01]**
40/25 • Internal-combustion engines **[5, 2006.01]**
40/26 • • Two-stroke **[4, 5, 2006.01]**
40/28 • • Rotary **[4, 5, 2006.01]**
40/30 • Refrigerator lubricant **[5, 2006.01]**
40/32 • Wire, rope or cable lubricants **[5, 2006.01]**
40/34 • Lubricating-sealants **[5, 2006.01]**
40/36 • Release agents **[5, 2006.01]**

50/00 Form in which the lubricant is applied to the material being lubricated [4, 2006.01]

50/02 • dissolved or suspended in a carrier which subsequently evaporates to leave a lubricant coating **[4, 2006.01]**
50/04 • Aerosol **[4, 2006.01]**

50/06 • Gaseous phase, at least during working conditions **[4, 2006.01]**
50/08 • solid **[4, 2006.01]**
50/10 • semi-solid; greasy **[4, 2006.01]**

60/00 Chemical after-treatment of the constituents of the lubricating composition [4, 2006.01]

60/02 • Reduction, e.g. hydrogenation **[4, 2006.01]**
60/04 • Oxidation, e.g. ozonisation **[4, 2006.01]**
60/06 • by epoxides **[4, 2006.01]**
60/08 • Halogenation **[4, 2006.01]**
60/10 • by sulfur or a compound containing sulfur **[4, 2006.01]**
60/12 • by phosphorus or a compound containing phosphorus, e.g. P_xS_y **[4, 2006.01]**
60/14 • by boron or a compound containing boron **[4, 2006.01]**

70/00 Special methods of preparation [4, 2006.01]

80/00 Special pretreatment of the material to be lubricated, e.g. phosphatising or chromatising of a metal [4, 2006.01]