

Title (en)  
Lubricant or lubricant concentrate.

Title (de)  
Schmiermittel bzw. Schmiermittelkonzentrat.

Title (fr)  
Lubrifiant ou concentré de lubrifiant.

Publication  
**EP 0286139 A1 19881012 (DE)**

Application  
**EP 88105725 A 19880411**

Priority  
DE 3712133 A 19870410

Abstract (en)  
A lubricant or lubricant concentrate derived from mineral and/or synthetic oils possessing improved lubricating properties, in particular improved load-bearing, sliding and anti-corrosion properties, contains a) one or more mineral and/or synthetic oils as the basic oil, b) at least one (OH)4 to (OH)8 alcohol with at least one quaternary carbon atom and at least one ester bond in the molecule, and having a density d20 of at least 0.900 and an enthalpy H of at least 350 kcal/kg, c) at least one asymmetrical organo-metallic compound, d) at least one phosphorus carrier, e) at least one sulphur carrier, and f) other usual additives.

Abstract (de)  
Schmiermittel bzw. Schmiermittelkonzentrat auf der Basis von Mineral- und/oder Syntheseöl mit verbesserten Schmiereigenschaften, insbesondere verbesserten Lasttrage-, Gleit- und Korrosionsschutzeigenschaften, das enthält a) ein oder mehrere Mineral- und/oder Synthese-Öle als Grundöl, b) mindestens einen 4- bis 8-wertigen Alkohol mit mindestens einem quartären Kohlenstoffatom sowie mindestens einer Esterbindung im Molekül mit einer Dichte d20 von mindestens 0,900 und einer Enthalpie H von mindestens 350 kcal/kg, c) mindestens eine asymmetrische metallorganische Verbindung, d) mindestens einen Phosphorträger und e) mindestens einen Schwefelträger sowie, f) weitere übliche Zusätze.

IPC 1-7  
**C10M 141/10; C10M 169/04**

IPC 8 full level  
**C10M 129/74** (2006.01); **C10M 135/36** (2006.01); **C10M 137/02** (2006.01); **C10M 137/10** (2006.01); **C10M 139/00** (2006.01); **C10M 141/10** (2006.01); **C10M 141/12** (2006.01); **C10M 161/00** (2006.01); **C10M 169/04** (2006.01); **C10N 10/02** (2006.01); **C10N 10/04** (2006.01); **C10N 10/08** (2006.01); **C10N 10/10** (2006.01); **C10N 10/12** (2006.01); **C10N 10/14** (2006.01); **C10N 10/16** (2006.01); **C10N 20/00** (2006.01); **C10N 30/06** (2006.01); **C10N 30/12** (2006.01)

CPC (source: EP KR US)  
**C10M 101/02** (2013.01 - EP); **C10M 101/04** (2013.01 - EP); **C10M 105/06** (2013.01 - EP); **C10M 105/18** (2013.01 - EP); **C10M 105/36** (2013.01 - EP); **C10M 105/38** (2013.01 - EP); **C10M 107/08** (2013.01 - EP); **C10M 107/28** (2013.01 - EP); **C10M 107/34** (2013.01 - EP); **C10M 129/74** (2013.01 - EP); **C10M 129/76** (2013.01 - EP); **C10M 135/18** (2013.01 - EP); **C10M 135/36** (2013.01 - EP); **C10M 137/02** (2013.01 - EP); **C10M 137/10** (2013.01 - EP); **C10M 141/10** (2013.01 - EP); **C10M 161/00** (2013.01 - EP US); **C10M 169/04** (2013.01 - EP KR); **C10M 169/044** (2013.01 - EP); **C10M 2203/06** (2013.01 - EP); **C10M 2203/065** (2013.01 - EP); **C10M 2203/10** (2013.01 - EP); **C10M 2203/1006** (2013.01 - EP); **C10M 2203/102** (2013.01 - EP); **C10M 2203/1025** (2013.01 - EP); **C10M 2203/104** (2013.01 - EP); **C10M 2203/1045** (2013.01 - EP); **C10M 2203/106** (2013.01 - EP); **C10M 2203/1065** (2013.01 - EP); **C10M 2203/108** (2013.01 - EP); **C10M 2203/1085** (2013.01 - EP); **C10M 2205/0206** (2013.01 - EP); **C10M 2205/026** (2013.01 - EP); **C10M 2205/0265** (2013.01 - EP); **C10M 2207/023** (2013.01 - EP); **C10M 2207/026** (2013.01 - EP); **C10M 2207/027** (2013.01 - EP); **C10M 2207/04** (2013.01 - EP); **C10M 2207/0406** (2013.01 - EP); **C10M 2207/046** (2013.01 - EP); **C10M 2207/125** (2013.01 - EP); **C10M 2207/129** (2013.01 - EP); **C10M 2207/281** (2013.01 - EP); **C10M 2207/282** (2013.01 - EP); **C10M 2207/2825** (2013.01 - EP); **C10M 2207/283** (2013.01 - EP); **C10M 2207/2835** (2013.01 - EP); **C10M 2207/2855** (2013.01 - EP); **C10M 2207/286** (2013.01 - EP); **C10M 2207/287** (2013.01 - EP); **C10M 2207/288** (2013.01 - EP); **C10M 2207/289** (2013.01 - EP); **C10M 2207/34** (2013.01 - EP); **C10M 2207/401** (2013.01 - EP); **C10M 2207/4045** (2013.01 - EP); **C10M 2209/00** (2013.01 - EP); **C10M 2209/02** (2013.01 - EP); **C10M 2209/08** (2013.01 - EP); **C10M 2209/084** (2013.01 - EP); **C10M 2209/0845** (2013.01 - EP); **C10M 2209/086** (2013.01 - EP); **C10M 2209/0863** (2013.01 - EP); **C10M 2209/10** (2013.01 - EP); **C10M 2209/103** (2013.01 - EP); **C10M 2209/1033** (2013.01 - EP); **C10M 2209/104** (2013.01 - EP); **C10M 2209/1045** (2013.01 - EP); **C10M 2209/1055** (2013.01 - EP); **C10M 2209/1065** (2013.01 - EP); **C10M 2209/107** (2013.01 - EP); **C10M 2209/1075** (2013.01 - EP); **C10M 2209/1085** (2013.01 - EP); **C10M 2209/109** (2013.01 - EP); **C10M 2209/1095** (2013.01 - EP); **C10M 2219/066** (2013.01 - EP); **C10M 2219/068** (2013.01 - EP); **C10M 2219/10** (2013.01 - EP); **C10M 2219/102** (2013.01 - EP); **C10M 2219/104** (2013.01 - EP); **C10M 2219/106** (2013.01 - EP); **C10M 2219/108** (2013.01 - EP); **C10M 2223/02** (2013.01 - EP); **C10M 2223/04** (2013.01 - EP); **C10M 2223/041** (2013.01 - EP); **C10M 2223/042** (2013.01 - EP); **C10M 2223/045** (2013.01 - EP); **C10M 2223/049** (2013.01 - EP); **C10M 2223/10** (2013.01 - EP); **C10N 2010/02** (2013.01 - EP); **C10N 2010/04** (2013.01 - EP); **C10N 2010/06** (2013.01 - EP); **C10N 2010/08** (2013.01 - EP); **C10N 2010/10** (2013.01 - EP); **C10N 2010/12** (2013.01 - EP); **C10N 2010/14** (2013.01 - EP KR US); **C10N 2010/16** (2013.01 - EP KR US); **C10N 2020/01** (2020.05 - EP); **C10N 2040/02** (2013.01 - EP); **C10N 2040/135** (2020.05 - EP); **C10N 2040/25** (2013.01 - EP); **C10N 2040/251** (2020.05 - EP); **C10N 2040/252** (2020.05 - EP); **C10N 2040/253** (2020.05 - EP); **C10N 2040/255** (2020.05 - EP); **C10N 2040/28** (2013.01 - EP); **C10N 2070/02** (2020.05 - EP)

Citation (search report)  
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Cited by  
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