

Title (en)
Trunk piston engine lubrication

Title (de)
Tauchkolbenmotorschmiierung

Title (fr)
Lubrification d'un moteur à piston plongeur

Publication
EP 1191088 B1 20060315 (EN)

Application
EP 01203289 A 20010828

Priority
• EP 01203289 A 20010828
• EP 00203292 A 20000922

Abstract (en)
[origin: EP1191088A1] A lubricant suitable for use in a trunk piston diesel engine characterised by a power output of 200 kW or greater. The trunk piston diesel engine may be for use in marine, power generation or rail traction applications. The lubricant comprises a basestock of lubricating viscosity, an overbased metal detergent, preferably having an ash content of at least 0.85% sulfated ash, and an ashless or metal-free auxiliary additive comprising at least one of: an oil-soluble sulfurized alkylphenol, a phosphorosulfurized or sulfurized hydrocarbon, a sulfide of an oil, a fat or a polyolefin, or an amine phosphate.

IPC 8 full level
C10M 163/00 (2006.01); **C10N 30/04** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP)
C10M 163/00 (2013.01); **C10M 2201/087** (2013.01); **C10M 2203/108** (2013.01); **C10M 2207/028** (2013.01); **C10M 2207/123** (2013.01); **C10M 2207/125** (2013.01); **C10M 2207/129** (2013.01); **C10M 2207/16** (2013.01); **C10M 2207/22** (2013.01); **C10M 2207/262** (2013.01); **C10M 2209/101** (2013.01); **C10M 2215/064** (2013.01); **C10M 2217/042** (2013.01); **C10M 2217/043** (2013.01); **C10M 2219/02** (2013.01); **C10M 2219/022** (2013.01); **C10M 2219/024** (2013.01); **C10M 2219/046** (2013.01); **C10M 2219/082** (2013.01); **C10M 2219/087** (2013.01); **C10M 2219/088** (2013.01); **C10M 2219/089** (2013.01); **C10M 2219/10** (2013.01); **C10M 2219/102** (2013.01); **C10M 2219/104** (2013.01); **C10M 2219/106** (2013.01); **C10M 2223/047** (2013.01); **C10N 2010/04** (2013.01); **C10N 2040/252** (2020.05); **C10N 2040/253** (2020.05)

Cited by
EP1498471A3; EP1630223A1; EP1997870A1; BE1021477B1; GB2463367A; GB2463367B; AU2010243910B2; AU2010243817B2; US7124728B2; US8703676B2; WO2005045206A3; US7598212B2; EP1498471A2; WO2010124859A1; WO2010124860A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1191088 A1 20020327; EP 1191088 B1 20060315

DOCDB simple family (application)
EP 01203289 A 20010828