

Title (en)  
LUBRICATING OIL COMPOSITION

Title (de)  
SCHMIERÖLZUSAMMENSETZUNG

Title (fr)  
COMPOSITION D'HUILE LUBRIFIANTE

Publication  
**EP 1789521 B1 20130501 (EN)**

Application  
**EP 05756861 A 20050707**

Priority  
• EP 2005053241 W 20050707  
• EP 04016206 A 20040709  
• EP 05756861 A 20050707

Abstract (en)  
[origin: US2006014653A1] A lubricating oil composition for internal combustion engines which has a sulphated ash content of not greater than 0.9 wt. % and a phosphorus content in the range of from 0.04 to 0.1 wt. % is provided. The composition contains base oil, one or more detergents selected from phenate detergents, salicylate detergents and sulphonate detergents, wherein said one or more detergents each, independently, have a TBN (total base number) value in the range of from 30 to 350 mg.KOH/g, as measured by ISO 3771; and at least 3.5 wt. % of one or more antioxidants selected from the group of aminic antioxidants and/or phenolic antioxidants, based on the total weight of the lubricating oil composition.

IPC 8 full level  
**C10M 163/00** (2006.01); **C10M 167/00** (2006.01); **C10M 169/04** (2006.01)

CPC (source: EP US)  
**C10M 163/00** (2013.01 - EP US); **C10M 167/00** (2013.01 - EP US); **C10M 169/048** (2013.01 - EP US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2203/1025** (2013.01 - EP US); **C10M 2207/026** (2013.01 - EP US); **C10M 2207/028** (2013.01 - EP US); **C10M 2207/262** (2013.01 - EP US); **C10M 2207/289** (2013.01 - EP US); **C10M 2215/064** (2013.01 - EP US); **C10M 2215/065** (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP US); **C10N 2010/04** (2013.01 - EP US); **C10N 2030/04** (2013.01 - EP US); **C10N 2030/041** (2020.05 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/10** (2013.01 - EP US); **C10N 2030/40** (2020.05 - EP US); **C10N 2030/42** (2020.05 - EP US); **C10N 2030/43** (2020.05 - EP US); **C10N 2030/45** (2020.05 - EP US); **C10N 2040/25** (2013.01 - EP US); **C10N 2040/253** (2020.05 - EP US)

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