

Title (en)  
Lubricating oil composition

Title (de)  
Schmiermittelzusammensetzung

Title (fr)  
Composition d'huile lubrifiante

Publication  
**EP 1533362 A1 20050525 (EN)**

Application  
**EP 04256947 A 20041110**

Priority  
GB 0326808 A 20031118

Abstract (en)  
Use of a lubricating oil composition comprising, or made by admixing, a major amount of oil of lubricating viscosity, and minor amounts of (A) a dispersant additive composition and (B) a detergent additive composition, wherein the oil composition gives a sulfated ash content of at most 1.0 mass %; has a total base number (TBN) of 4 to 9.5; has at least 0.08 mass % of nitrogen derived from the dispersant additive composition, based on the mass of the oil composition; and has at least 25 mmol of soap per 1000 g of the oil composition derived from the detergent additive composition, to improve the cleanliness of pistons in an engine.

IPC 1-7  
**C10M 169/04**; C10M 163/00; C10M 171/00

IPC 8 full level  
**C10M 101/02** (2006.01); **C10M 105/32** (2006.01); **C10M 129/10** (2006.01); **C10M 129/26** (2006.01); **C10M 133/12** (2006.01); **C10M 133/16** (2006.01); **C10M 133/56** (2006.01); **C10M 135/10** (2006.01); **C10M 135/14** (2006.01); **C10M 135/18** (2006.01); **C10M 135/30** (2006.01); **C10M 137/10** (2006.01); **C10M 139/00** (2006.01); **C10M 159/16** (2006.01); **C10M 159/22** (2006.01); **C10M 163/00** (2006.01); **C10M 169/04** (2006.01); **C10M 171/00** (2006.01); C10N 10/04 (2006.01); C10N 10/12 (2006.01); C10N 20/00 (2006.01); C10N 20/02 (2006.01); C10N 30/04 (2006.01); C10N 40/25 (2006.01)

CPC (source: EP US)  
**C10M 163/00** (2013.01 - EP US); **C10M 169/045** (2013.01 - EP US); **C10M 171/00** (2013.01 - EP US); **C10M 2207/026** (2013.01 - EP US); **C10M 2207/262** (2013.01 - EP US); **C10M 2215/06** (2013.01 - EP US); **C10M 2215/28** (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP US); **C10N 2010/04** (2013.01 - EP US); **C10N 2010/12** (2013.01 - EP US); **C10N 2030/04** (2013.01 - EP US); **C10N 2030/42** (2020.05 - EP US); **C10N 2030/43** (2020.05 - EP US); **C10N 2030/44** (2020.05 - EP US); **C10N 2030/45** (2020.05 - EP US); **C10N 2030/52** (2020.05 - EP US); **C10N 2060/14** (2013.01 - EP US)

C-Set (source: EP US)  
**C10M 2207/262** + **C10M 2207/262**

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