

Title (en)  
High performance engine lubricants formulated with Group II basestocks

Title (de)  
Hochleistungsmotoröl enthaltend ein Gruppe II -Grundöl

Title (fr)  
Lubrifiant moteur haute performance formulé avec des huiles de base du Groupe II

Publication  
**EP 2228424 A1 20100915 (EN)**

Application  
**EP 10154784 A 20100226**

Priority  
IT MI20090314 A 20090304

Abstract (en)  
Lubricant compositions are described, capable of providing high performances in internal combustion engines, comprising: (a) from 50 to 90% by weight of Group II (API) base oils having a volatility comprised between 7.0 and 10.0% by weight and a viscosity index comprised between 110 and 119; (b) from 10 to 50% by weight of additives selected from antioxidants, anti-wear, detergents, dispersants, viscosity index modifiers, pour point depressants, antifoaming agents, friction modifiers or friction reducers. The use of these lubricant compositions as engine oil for automotive applications is also described.

IPC 8 full level  
**C10M 101/02** (2006.01); **C10M 171/00** (2006.01); **C10M 171/02** (2006.01); **C10N 10/04** (2006.01); **C10N 20/02** (2006.01); **C10N 30/02** (2006.01); **C10N 30/04** (2006.01); **C10N 30/06** (2006.01); **C10N 30/10** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP)  
**C10M 101/02** (2013.01); **C10M 171/005** (2013.01); **C10M 171/02** (2013.01); **C10M 2203/1025** (2013.01); **C10M 2205/022** (2013.01); **C10M 2207/026** (2013.01); **C10M 2209/084** (2013.01); **C10M 2215/064** (2013.01); **C10M 2215/28** (2013.01); **C10M 2219/046** (2013.01); **C10M 2219/068** (2013.01); **C10M 2223/045** (2013.01); **C10M 2229/02** (2013.01); **C10N 2010/04** (2013.01); **C10N 2020/02** (2013.01); **C10N 2020/085** (2020.05); **C10N 2030/02** (2013.01); **C10N 2030/04** (2013.01); **C10N 2030/06** (2013.01); **C10N 2030/10** (2013.01); **C10N 2030/54** (2020.05); **C10N 2030/74** (2020.05); **C10N 2040/25** (2013.01)

C-Set (source: EP)  
1. **C10M 2219/046 + C10N 2010/04**  
2. **C10M 2223/045 + C10N 2010/04**  
3. **C10M 2205/022 + C10M 2205/024 + C10N 2060/02**

Citation (applicant)  
"Engine Oil Licensing and Certification System", November 2004, API

Citation (search report)  
• [X] US 2007027267 A1 20070201 - RUHE WILLIAM R JR [US], et al  
• [X] US 2007078070 A1 20070405 - SHIRAZI FAHIMEH P [US], et al  
• [X] US 2002038777 A1 20020404 - CODY IAN A [US], et al  
• [A] WO 2008048989 A2 20080424 - ALBEMARLE CORP [US], et al

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

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**EP 10154784 A 20100226**; IT MI20090314 A 20090304