

Title (en)
Engine oil composition

Title (de)
Motorölzusammensetzung

Title (fr)
Composition d'huile moteur

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Application
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Abstract (en)
Engine oil compositions comprise (A) a lubricating base oil having a kinematic viscosity at 100 DEG C of 2 to 6 mm²/s, a viscosity index of 120 or more, and a total aromatics content of 15 percent by mass or less and (B) a polymethacrylate-based viscosity index improver in such an amount that the composition has a kinematic viscosity at 100 DEG C of 4.0 to 9.3 mm²/s. Disclosed are also engine oil compositions which comprise (A) a lubricating base oil having a kinematic viscosity at 100 DEG C of 2 to 6 mm²/s, a viscosity index of 120 or more, and a total aromatics content of 15 percent by mass or less; (B) a polymethacrylate-based viscosity index improver in such an amount that the composition has a kinematic viscosity at 100 DEG C of 4.0 to 9.3 mm²/s; and (C) molybdenum dithiocarbamate.

IPC 1-7
C10M 169/04

IPC 8 full level
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CPC (source: EP US)
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• [X] US 5744430 A 19980428 - INOUE KIYOSHI [JP], et al
• [X] EP 0931827 A1 19990728 - TONEN CORP [JP]
• [X] EP 0757093 A1 19970205 - TONEN CORP [JP], et al
• [PX] EP 1013749 A2 20000628 - ASAHI DENKA KOGYO KK [JP]

Cited by
EP1749876A3; EP2439256A4; US8691739B2; WO2006060255A1; WO03008522A1; WO03064573A1; WO03064572A1; EP2112217A4

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