

Title (en)
Engine oil composition

Title (de)
Motorölsammensetzung

Title (fr)
Composition d'huile pour moteur

Publication
EP 0699739 B1 20000216 (EN)

Application
EP 95113870 A 19950904

Priority
JP 21126494 A 19940905

Abstract (en)
[origin: EP0699739A2] An engine oil composition is composed of: (1) at least one oil selected from the group consisting of a mineral oil and a synthetic lubricant as a base oil; (2) a molybdenum dithiocarbamate in an amount of 50 to 2000 ppm by weight when calculated as molybdenum (Mo), relative to the total weight of the engine oil composition; (3) zinc dithiophosphate in an amount of 0.01 to 0.2 wt% when calculated as phosphorus (P), relative to the total amount of the engine oil composition; and (4) an ashless organic polysulfide compound in an amount of 0.01 to 0.4 wt% when calculated as sulfur (S), relative to the total amount of the engine oil composition.

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C10M 141/10

IPC 8 full level
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Cited by
CN111286390A; EP0889030A1; EP0768366A1; EP1027412A4; EP0822246A3; EP1013750A3; CN114555763A; US8592356B2; US6300291B1; US6207625B1; US6855675B1; US2022259515A1; US12006485B2; WO2010036892A3; US8211329B2

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