

Title (en)
LUBRICATING OIL COMPOSITION FOR DIESEL ENGINES

Title (de)
SCHMIERÖLZUSAMMENSETZUNG FÜR DIESELMOTOREN

Title (fr)
COMPOSITION D'HUILE LUBRIFIANTE POUR MOTEURS DIESEL

Publication
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Application
EP 11718753 A 20110511

Priority
• JP 2011104510 A 20110509
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• EP 2011057585 W 20110511

Abstract (en)
[origin: WO2011141495A1] Lubricating oil composition for use in diesel engines which comprises, in the base oil, not more than 0.3% by mass of sulphated ash, from 0.01 to 0.2% by mass of nitrogen in succinimides, from 0.05 to 0.12% by mass of zinc in zinc dithiophosphates, from 0.02 to 0.3% by mass of nitrogen in amine-based anti-oxidants, and from 0.01 to 0.08% by mass of boron, which further has a total value of [(zinc amount in zinc dithiophosphates) x (nitrogen amount in succinimides)] and [(zinc amount in zinc dithiophosphates) x (nitrogen amount in amine-based anti-oxidants)] as regards the aforementioned of from 0.015 to 0.06, and which does not contain salicylate, phenate or sulphonate metallic detergents. The intention is to obtain a lubricating oil composition for use in diesel engines which does not contain a metallic detergent yet maintains excellent engine (piston) detergency while preventing DPF clogging, and which reduces valve-train wear.

IPC 8 full level
C10M 141/12 (2006.01)

CPC (source: EP US)
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