

Title (en)
Lubricant oil composition for diesel engines

Title (de)
Schmierölszusammensetzung für Dieselmotoren

Title (fr)
Compositions d'huile lubrifiante pour moteurs Diesel

Publication
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Application
EP 00124058 A 20001106

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- CA 2314194 A 20000721
- JP 10079699 A 19990408
- SG 200004164 A 20000725

Abstract (en)
The present invention provides a lubricant oil composition, having enhanced wear-preventive characteristics for a diesel engine operating with large quantities of soot in the oil (soot content: 0.2 to 4.0 wt.%), and is especially suitable for a pressure-accumulating (common rail) type diesel engine equipped with an EGR system. The lubricant oil composition containing a base oil composed of a mineral and/or synthetic oil incorporated with at least three additives that are a sulfurized oxymolybdenum dithiocarbamate at 0.03 to 0.50 wt.% as Mo; a zinc dialkyl dithiophosphate at 0.04 to 0.50 wt.% as P; and at least one metallic salt of alkyl salicylate selected from the group consisting of a Ca salt of alkyl salicylate at 0.004 to 1.0 wt.% as Ca, Mg salt of alkyl salicylate at 0.002 to 0.60 wt.% as Mg, and Zn salt of alkyl salicylate at 0.006 to 1.60 wt.% as Zn, all percentages being based on the whole composition.

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Citation (search report)

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