

Title (en)
LUBRICANTS WITH SUSTAINED FUEL ECONOMY PERFORMANCE

Title (de)
SCHMIERMITTEL MIT VERLÄNGERTER LEISTUNG ZUR BRENNSTOFFEINSPARUNG

Title (fr)
LUBRIFIANTS PERMETTANT UNE ECONOMIE DURABLE DE CARBURANT

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Abstract (en)
[origin: WO9606904A1] A lubricant composition comprising a major amount of a lubricant base oil, and a minor amount of additives comprising (A) oxymolybdenum dithiocarbamate sulphide having a specific structure, (B) zinc dialkyldithiophosphate having a specific structure, (D) an ashless dispersant, (E) a boron containing additive which may be the ashless dispersant or another additive, and (F) a metal detergent, wherein to the total weight of the composition, the molybdenum content from oxymolybdenum dithiocarbamate sulfide is at 200 to 2,000 ppm; the phosphorous content from zinc dialkyldithiophosphate is at 0.02 to 0.15 % by weight; the sulfur content from sulfur compounds is at 0.02 to 0.30 % by weight; the content of a metal detergent is at 1 to 10 % by weight; and the boron content is at 0.005 to 0.06 % by weight. The lubricant composition of the present invention has excellent low abrasion properties and can sustain good friction properties while exhibiting resistance to oxidation at higher temperatures in the presence of gaseous nitrogen oxides. The lubricant composition of the present invention is used preferably as a crankcase lubricants for internal combustion engines.

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