

Title (en)
LOW SULPHUR, LOW SULPHATED ASH, LOW PHOSPHORUS AND HIGHLY PARAFFINIC LUBRICANT COMPOSITION

Title (de)
SCHWEFELARME, SULFATASCHEARME, PHOSPHORARME UND HOCHPARAFFINISCHE SCHMIERMITTELZUSAMMENSETZUNG

Title (fr)
COMPOSITION LUBRIFIANTE À FORTE TENEUR EN PARAFFINE ET À FAIBLE TENEUR EN SOUFRE, EN CENDRES SULFATÉES ET EN PHOSPHORE

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Abstract (en)
[origin: WO2008055975A1] The present invention relates to a lubricant composition having a sulphur content of from 0.01 to 0.3 wt. %, a phosphorus content of from 0.01 to 0.1 wt. % and a sulphated ash content of from 0.1 to 1.2 wt. %, based on the total weight of the lubricant composition, which comprises a base oil or base oil blend, wherein the lubricant composition has a kinematic viscosity at 100 °C of more than 5.0 mm²/s (cSt), a cold cranking simulated dynamic viscosity at -15 °C according to ASTM D 5293 of less than 9500 mPas (cP) and a mini rotary viscosity test value of less than 60000 mPas at -20 °C according to ASTM D 4684, and wherein the base oil or base oil blend comprises a continuous series of iso-paraffins having n, n+1, n+2, n+3 and n+4 carbon atoms. The invention relates further to the use of the lubricant composition, for the reduction of piston ring deposits in an internal combustion engine.

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