

Title (en)

LUBRICATING OIL COMPOSITION AND METHOD OF IMPROVING EFFICIENCY OF EMISSIONS CONTROL SYSTEM

Title (de)

SCHMIERÖLZUSAMMENSETZUNG UND VERFAHREN ZUR ERHÖHUNG DER EFFIZIENZ EINES EMISSIONSSTEUERUNGSSYSTEMS

Title (fr)

COMPOSITION D'HUILE LUBRIFIANTE ET PROCÉDÉ D'AMÉLIORATION DE L'EFFICACITÉ D'UN SYSTÈME DE RÉDUCTION DES ÉMISSIONS

Publication

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Application

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Abstract (en)

[origin: WO2008011338A2] The disclosed technology relates to a lubricating oil composition comprising at least one base oil and at least one overbased low molecular weight zinc dialkyldithiophosphate derived from one or more dithiophosphoric acids represented by the formula (I) and/or a metal salt thereof, wherein in formula (I), R¹ and R² are independently hydrocarbyl groups, the average total number of carbon atoms in R¹ and R² in formula (I) being in the range from 4 to 10, the metal ratio of the overbased low molecular weight zinc dialkyldithiophosphate being at least about 1.15:1, the lubricating oil composition being characterized by a phosphorus concentration of up to about 0.12% by weight. The disclosed technology also relates to a method of lubricating an internal combustion engine and improving the efficiency of the emissions control system of the engine.

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