

Title (en)

LUBRICANT COMPOSITIONS CONTAINING COMPLEXES OF ALKOXYLATED AMINE, ACID, AND ADENINE

Title (de)

SCHMIERMITTELZUSAMMENSETZUNG ENTHALTEND KOMPLEXE AUS ALKOXYLIERTES AMIN, SÄURE UND ADENIN

Title (fr)

COMPOSITION LUBRIFIANTE CONTENANT DES COMPLEXES D'AMINES ALCOXYLEE, D'ACIDE ET D'ADENINE

Publication

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Application

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Abstract (en)

[origin: WO9419437A1] A composition of matter useful in lubricating oil for reducing friction in an internal combustion engine, said complex comprising the reaction product of alkoxyated amine, acid and adenine and having formula (I), wherein Z is derived from either a hydrocarbylsalicylic acid, trithiocyanuric acid, a hydrocarbylsulfonic acid, a dihydrocarbyldithiophosphoric acid or a dihydrocarbyldithiobenzoic acid and wherein R is a hydrocarbyl group of 2 to 22 carbon atoms, R<1> is hydrogen or a hydrocarbyl group of 1 to 20 carbon atoms, x and y are each independently integers of from 1 to 15 with the proviso that the sum of x + y is from 2 to 20, and a, b and c are independent numbers from 1.0 to 3.0 wherein the ratios of a:b, a:c and b:c range from 1.0:3.0 to 3.0:1.0.

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