

Title (en)

Lubricating oil compositions having excellent thermal stability, extreme pressure resistance and anti-wear performance

Title (de)

Schmierölzusammensetzungen mit ausgezeichneten thermischen Eigenschaften, hohem Druckwiderstand und mit verbessertem Verschleisschutzverhalten

Title (fr)

Des compositions d'huile lubrifiante ayant une stabilité thermique excellente, une résistance à pression extrême et une activité anti-usure

Publication

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Application

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Abstract (en)

The present invention relates to a lubricating oil composition for use in industrial oils such as hydraulic oils, bearing oils, industrial gear oils and sliding surface lubricating oils. In its broadest aspect, the present invention comprises a lubricating oil composition having a major amount of a base oil of lubricating viscosity and a minor, but effective amount, of A. at least one a compound selected from the group consisting of a phosphoric acid ester, a thiophosphoric acid ester, and amine salts thereof; B. a phosphorus acid ester and/or an amine thereof; and C. at least one compound selected from the group consisting of an alkenyl succinimide, an alkenyl succinic acid ester, benzylamine, and derivatives thereof. The lubricating oil composition of the present invention provides excellent thermal stability, extreme pressure resistance and anti-wear performance.

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