

Title (en)

ADDITIVE PACKAGE FOR HIGH TEMPERATURE SYNTHETIC LUBRICANTS

Title (de)

ZUSATZVERPACKUNG FÜR SYNTHETISCHE HOCHTEMPERATUR-SCHMIERMITTEL

Title (fr)

PRÉFORMULATION D'ADDITIFS POUR DES LUBRIFIANTS SYNTHÉTIQUES HAUTE TEMPÉRATURE

Publication

EP 1963470 B1 20130227 (EN)

Application

EP 06845688 A 20061218

Priority

- US 2006048174 W 20061218
- US 75092205 P 20051216

Abstract (en)

[origin: WO2007075531A2] An improved additive package including at least a polymeric amine antioxidants and a borated extreme pressure/antiwear agent for a polyol ester lubricant suitable for use in high temperature applications is provided. The lubricant fluid includes a base stock that is the reaction product of a polyol and monocarboxylic acid mixture including a major proportion of 3, 5, 5-trimethylhexanoic acid (iso-C₉ acid). The additive package may be added in up to about 20 percent by weight of the lubricant to provide a viscosity of the lubricant at 40°C of at least about 140 cSt and at 100°C of no less than about 15.0 cSt. Greases are formed by adding a thickener to a high viscosity lubricating fluid.

IPC 8 full level

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CPC (source: EP US)

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