

Title (en)

A lubricating oil composition.

Title (de)

Schmierölzusammensetzung.

Title (fr)

Composition d'huile lubrifiante.

Publication

EP 0240813 A2 19871014 (EN)

Application

EP 87104192 A 19870321

Priority

JP 7136686 A 19860331

Abstract (en)

The lubricating oil composition comprises 15-85 parts by weight of a poly- alpha -olefin having a kinematic viscosity of 1.5-150 centistokes at 100 DEG C and 85-15 parts by weight of a mineral oil having a kinetic viscosity of 2-50 centistokes at 100 DEG C and a pour point of -35 DEG C or below. By virtue of the admixture of the mineral oil, the lubricant oil composition is much more inexpensive than the poly- alpha -olefin per se while retaining the excellent properties inherent in the poly- alpha -olefins such as the stability against oxidation, low-temperature performance, high-temperature cleanliness and friction characteristics with wet clutches.

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C10M 111/04; C10N 40/00

IPC 8 full level

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Cited by

US5858935A; US5387346A; US5641733A; FR3037969A1; AU633009B2; GB2267098A; DE4317105A1; US5866519A; US5646099A; US5641732A; EP0786511A3; US9102897B2; US10377960B2; US6521570B2; WO9716511A1; WO2004074414A1; WO2017001458A1; WO9316151A1; WO8912665A1

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