

Title (en)
Lubricating oil composition for transmissions

Title (de)
Schmierölszusammensetzungen für Getriebe

Title (fr)
Compositions d'huile lubrifiante pour transmissions

Publication
EP 1418221 B1 20110119 (EN)

Application
EP 03025453 A 20031105

Priority
JP 2002323774 A 20021107

Abstract (en)
[origin: EP1418221A2] Lubricating oil compositions for transmissions comprise (A) a mineral lubricating oil having a kinematic viscosity of from 2.3 to 3.4 mm²/s and a %Cp of 7.0 or higher defined by ASTM D 3238, as a base oil, (B) a phosphorus compound in an amount of from 0.025 to 0.05 percent by mass in terms of phosphorus based on the total mass of the composition, and (C) a viscosity index improver in such an amount that the composition has a kinematic viscosity of from 5.0 to 6.0 mm²/s, sulfur being contained in an amount of 0.15 percent by mass or less in the composition. The lubricating oil compositions are excellent in fuel efficiency and capable of improving the durabilities of gears and clutches, leading to long lasting gear change characteristics.

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