

Title (en)
Lubricant composition for automatic transmission

Title (de)
Schmiermittelzusammensetzung für Automatikgetriebe

Title (fr)
Composition lubrifiante pour boîte de vitesse automatique

Publication
EP 1847585 A3 20081126 (EN)

Application
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Abstract (en)
[origin: EP1847585A2] The invention provides a lubricant composition for automatic transmissions excellent in sustainability of anti-shudder property, low-temperature viscosity characteristics, and oxidation stability, and excellent and well-balanced in durability of friction characteristics, energy-conserving performance, and anti-fatigue performance on gears. The composition contains a base oil having a kinematic viscosity at 100 °C of 3.7-4.1 mm²/s, and composed of base oil having the viscosity of 2.5-4.5 mm²/s, and base oil having the viscosity of 10-40 mm²/s; 1-20 mass % poly(meth)acrylate viscosity index improver having Mw of 15000-30000; 2-4 mass% imide friction modifier having a C8-C30 hydrocarbon group; 0.01-0.04 mass% phosphorus extreme pressure agent in terms of phosphorus; and 0.01-0.04 mass% ashless dispersant having at least one alkyl or alkenyl group of a number average molecular weight of #¥2000 in terms of nitrogen, all with respect to the total amount of the composition, and has the viscosity of 5.6-5.8 mm²/s.

IPC 8 full level
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Citation (search report)
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