

Title (en)
LUBRICANT COMPOSITION

Title (de)
SCHMIERMITTELZUSAMMENSETZUNG

Title (fr)
COMPOSITION LUBRIFIANTE

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Application
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Abstract (en)
[origin: EP4119642A1] The present invention relates to a lubricating oil composition which has a low viscosity, and exhibits a low evaporativity, an excellent oil film retainability, and an excellent cleanliness at high temperature. To this end, the present invention provides a lubricating oil composition including a base oil (A) containing an olefin-based polymer (A1), a viscosity index improver (B), and an imide-based dispersant (C), in which a first olefin-based polymer (A1-1) having a kinematic viscosity at 100 °C of 3.0 mm²/s or more is contained as the olefin-based polymer (A1), and a content of the first olefin-based polymer (A1-1) is 30% by mass or more based on a total amount of the base oil (A), a second olefin-based polymer (A1-2) having a kinematic viscosity at 100 °C of less than 3.0 mm²/s is not contained as the olefin-based polymer (A1), or is contained in a content of less than 18.5% by mass based on the total amount of the base oil (A), a content of a resin component (B1) derived from the viscosity index improver (B) is 0.01% by mass or more based on a total amount of the lubricant composition, a content of nitrogen atoms derived from the imide-based dispersant (C) is 0.06% by mass or more based on the total amount of the lubricant composition, a content ratio of the resin component (B1) derived from the viscosity index improver (B) and the first olefin-based polymer (A1-1) [(B1)/(A1-1)] is more than 0.001 in terms of a mass ratio, the kinematic viscosity at 100 °C is 5.0 mm²/s or more and less than 7.1 mm²/s, and an aniline point is 95 °C or higher.

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• See also references of WO 2021182580A1

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