

Title (en)

ETHER-BASED LUBRICANT COMPOSITIONS, METHODS AND USES

Title (de)

ETHERBASIERTE SCHMIERMITTELZUSAMMENSETZUNGEN, VERFAHREN UND VERWENDUNGEN

Title (fr)

COMPOSITIONS LUBRIFIANTES À BASE D'ÉTHÉR, PROCÉDÉS ET UTILISATIONS

Publication

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Application

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Abstract (en)

[origin: WO2018109125A1] The present invention provides a lubricant composition for an internal combustion engine comprising a base oil of lubricating viscosity, wherein the base oil comprises an ether base stock of formula (A): where: Ra and Rb are aliphatic hydrocarbyl groups and may be the same or different; wherein at least one of Ra and Rb is branched-chain alkyl, alkoxy-substituted-alkyl or cycloalkyl-substituted-alkyl; the lubricant composition further comprising: i) at least one molybdenum compound as a lubricant additive which is present, on a molybdenum element basis, in an amount of at least 0.06 % by weight of the lubricant composition; or ii) at least one polymethacrylate compound as a lubricant additive which is present in an amount of from 0.1 to 7.5 % by weight of the lubricant composition. The lubricant composition may be used for lubricating a surface in an internal combustion engine as well as for improving the fuel economy performance and/or piston cleanliness performance and/or turbocharger cleanliness performance of an engine and/or a vehicle, such as an automotive vehicle associated with an internal combustion engine.

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See references of WO 2018109125A1

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