

Title (en)

LUBRICATING COMPOSITION AND METHOD OF LUBRICATING A TRANSMISSION

Title (de)

SCHMIERMITTELZUSAMMENSETZUNG UND VERFAHREN ZUM SCHMIEREN EINES GETRIEBES

Title (fr)

COMPOSITION LUBRIFIANTE ET PROCÉDÉ DE LUBRIFICATION D'UNE BOÎTE DE VITESSES

Publication

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Application

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Abstract (en)

[origin: WO2014186318A1] The present invention relates to a lubricating composition comprising:(a) an oil of lubricating viscosity having a kinematic viscosity at 100 °C of 2.8 to 3.6 cSt (mm²/s) and a viscosity index of 104 to 130; (b) 1.2 to 5.0 wt % of at least one borated dispersant, wherein at least one borated dispersant is further functionalised with a sulphur or phosphorus moiety; (c) a calcium-containing detergent present in an amount to deliver at least 110 ppm to 700 ppm of calcium; (d) at least two phosphorus-containing compounds present in an amount to deliver 360 to 950 ppm of phosphorus; and (e) 0.1 wt % to 5 wt % of a linear polymer viscosity modifier having dispersant functionality. The invention further provides a method of lubricating a transmission with the lubricating composition disclosed wherein.

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