

Title (en)

LUBRICATING MIXTURE HAVING GLYCERIDES

Title (de)

SCHMIEREND WIRKENDE MISCHUNG MIT GLYCERIDEN

Title (fr)

MÉLANGE À ACTION LUBRIFIANTE CONTENANT DES GLYCÉRIDES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2017036785A1] The invention relates to a lubricating mixture, which contains glycerides of natural origin and fatty acid alkyl esters. At least some of the glycerides are mono- and/or diglycerides, which form a mass fraction of $\geq 10\%$ in the mixture. In a temperature range of $> 10^{\circ}\text{C}$ to at least 15°C , the mixture has a liquid phase having a solid fraction of 1 vol%, which solid fraction is formed from a fraction of the glycerides and/or of the fatty acid alkyl esters. The mixture can be formed completely from renewable raw materials, has a high viscosity index, and is suitable especially as a lubricant for use in gearings, electric motors, or internal combustion engines.

IPC 8 full level

C10M 105/38 (2006.01)

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