

Title (en)
COMPRESSOR LUBRICANT COMPOSITION

Title (de)
VERDICHTERSCHMIERMITTELZUSAMMENSETZUNG

Title (fr)
COMPOSITION LUBRIFIANTE POUR COMPRESSEUR

Publication
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Application
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Abstract (en)
[origin: WO2020161051A1] The present invention relates to a lubricant composition intended for a refrigeration system comprising a gas compression circuit, comprising: - at least a first polyalkylene glycol having a hydroxyl number strictly greater than 50 mgKOH/g and a kinematic viscosity, measured at 100 °C according to standard ASTM D445, ranging from 5 to 10 mm²/s; and - at least a second polyalkylene glycol having a kinematic viscosity, measured at 100 °C, ranging from 100 to 500 mm²/s, wherein said polyalkylene glycols A and B are present in a PAG(s) A/ PAG(s) B weight ratio of between 60/40 and 99/1. It also relates to the use of such a lubricant composition in a refrigeration system comprising a gas compression circuit, in particular for a motor vehicle air-conditioning system, in combination with a refrigerant based on hydrocarbon-based compounds, such as R134a and/or HFO-1234yf.

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