

Title (en)

LOW VISCOSITY LUBRICATING OIL COMPOSITIONS FOR TURBOMACHINES

Title (de)

SCHMIERÖLZUSAMMENSETZUNGEN MIT NIEDRIGER VISKOSITÄT FÜR TURBOMASCHINEN

Title (fr)

COMPOSITIONS D'HUILE LUBRIFIANTE À FAIBLE VISCOSITÉ POUR TURBOMACHINES

Publication

EP 3562924 A1 20191106 (EN)

Application

EP 17832691 A 20171228

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- US 201715852184 A 20171222

Abstract (en)

[origin: WO2018125956A1] This disclosure relates to a low viscosity lubricating turbine oil having a composition comprising a lubricating oil base stock, as a major component, and one or more lubricating oil additives, as minor components. The lubricating turbine oil has a kinematic viscosity of about 16 cSt to about 22 cSt at 40°C, a density of about 0.8 g/ml to about 0.9 g/ml, and an absolute evaporation loss at 150°C of less than about 4%. This disclosure also relates to a method for improving energy efficiency in a turbomachine lubricated with the low viscosity lubricating turbine oil. This disclosure further relates to a method for improving energy efficiency while maintaining or improving deposit control and lubricating oil additive solvency in a turbomachine lubricated with the low viscosity lubricating turbine oil. This disclosure yet further relates to a method for improving solubility, compatibility and dispersancy of polar additives in the low viscosity lubricating turbine oil.

IPC 8 full level

C10M 171/02 (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2018125956A1

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