Wilhelmsen Ships Service

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KLÜBER SUMMIT RPE 32 (DRUM: 200 LTR)

Product group: **683** Product number: **210175**

Product information

Klüber Summit RPE series is based on selected polyol esters (POE). They have been designed for use in refrigeration compressors with chlorine-free HFC refrigerants. They have excellent chemical and thermal stability as well as superior lubricity characteristics with steel and aluminium.

Features

Klüber Summit RPE lubricants are suitable for refrigeration compressors and chillers using R-134 A. They can also be used in context with R-448A, R-449A, R-452A, R-12, R-13, R-22, R-23, R-401 A, R-401 B, R-402 A, R-402 B, R-404 A, R-407 C, R-410 A, R-500, R-502, R-503, R-507 and R-508 B. When selecting a lubricant, always observe the compressor manufacturer's viscosity specifications.

Benefits

- Good thermal stability with refrigerants R134a, R23, R404a, R407, R507 and other blends of HFC refrigerants
- Good solubility and miscibility in refrigerant R134a
- Very good flow properties at low operating temperatures ensuring good oil return and lubricity to the compressor and preventing blockage or loss of heat transfer in the evaporator

Specification

Physical properties

Appearance	clear
Colour	colourless
Density at 20°C [g/cm³]	~ 0.98 g/cm³
Kinematic viscosity (without solvent), DIN 51562 pt 01/ASTM D-445/ASTM D 7042, 40°C [mm²/s]	~ 32 mm²/s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C [mm²/s]	~ 5.6 mm²/s

Dimensions/Weight

Packing Size	200 LTR

Technical data

Shelf life [months]	60
Viscosity index, DIN ISO 2909	≥ 110

Performance data

Flash point, DIN EN ISO 2592, Cleveland, open-cup apparatus [°C]	≥ 240 °C
Pour point, DIN ISO 3016 [°C]	≤ -40 °C

Documents

SDoC

Directions for use

Drain as much of the previously used compressor oil from the system as possible, making sure that the oil is drained while still warm. Afterwards clean or change the filters, then recharge with the operational Klüber Summit RPE series lubricant.