

KLÜBER SUMMIT PGI 68 200 LTR

Product group: 683 Product number: 210055

KLÜBER SUMMIT PGI 68 is a compressor lubricant, designed for rotary screw and piston compressors used in the compression of propane. They are also suitable for refrigeration compressors where propane is the refrigerant.



Product information

Klüber Summit PGI lubricants are based on polyalkylene glycols and special additives. In high-pressure piston compressors for natural gas or hydrocarbon process gas, mineral oils are easily absorbed into, and diluted by, the gas stream. By contrast, Klüber Summit PGI compressor lubricants are extremely resistant to such effects.

Features

- High gas stream resistance
- Thermal Stability enable reliable operation across a wide temperature range
- Compatible with NBR (acrylonitrile >30%), EPDM, MQ (silicone rubber), PTFE, and polyurethane foams

Benefits

- Extended equipment life: Reduces oil carryover and maintains lubrication integrity under high-pressure conditions
- Compared with mineral oils, extremely resistant to dilution and absorption by hydrocarbon gas stream
- Supports longer service intervals through stable lubrication performance

Specification

General

Invent Hazard Material (IMO/IU) classification	C-3
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Physical properties

Appearance	clear
Colour	yellow
Density at 20°C [g/cm³]	approx. 0.99 g/cm³ (DIN 51757)
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C [mm²/s]	approx. 12.7 mm²/s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C [mm²/s]	approx. 68 mm²/s

Dimensions/Weight

Packing Size	200 LTR
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Technical data

Shelf life [months]	36
Viscosity index, DIN ISO 2909	>= 170

Performance data

Flash point, DIN EN ISO 2592, Cleveland, open-cup apparatus [°C]	>= 220 °C
Pour point, DIN ISO 3016 [°C]	<= -39 °C

Documents

[SDoC and MD for IHM](#)

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. Do not forget to drain coolers, separator tanks and all lines. Next, clean or preferably change the filters. Then recharge with the appropriate Klüber Summit PGI oil. We recommend attaching a label indicating the type of lubricant used and the filling date to the lubricant filter or the compressor cover. Compatibility with materials To the best of our knowledge, the Klüber Summit PGI compressor oils are compatible with NBR (acrylonitrile content

30 %), EPDM, MQ (silicone rubber), PTFE and polyurethane foams. They can also be used with paints on an epoxy or phenolic basis. It is not advisable to use these products together with acrylic paints, polyurethane vanishes and synthetic materials on a PVC, polycarbonate and ABS basis.



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