

Klüber Summit RAB 68

Synthetic refrigeration compressor lubricant



Benefits for your application

- for reciprocating, rotary and centrifugal compressors using ammonia and R-22. Also suitable in context with R-11, R-12, R-13, R-113, R-114, R-123, R-401 A, R-401 B, R-402 A, R-402 B, R-408 A, R-500, R-502 and R-503
- excellent low-temperature properties at evaporator temperatures below -45 °C
- completely miscible with mineral oils

Description

Klüber Summit RAB 68 is based on synthetic hydrocarbon oils and special additives. It is very stable at high temperatures while providing excellent low temperature properties at evaporator temperatures below -45 °C. The solubility with the refrigerants listed below is excellent and the deposit formation and foaming tendency is considerably reduced compared to naphthenic refrigeration compressor oils.

Application

Klüber Summit RAB 68 is suitable for reciprocating, rotary and centrifugal refrigeration compressors using ammonia and R-22. It can also be used in context with R-11, R-12, R-13, R-113, R-114, R-123, R-401 A, R-401 B, R-402 A, R-402 B, R-408 A, R-500, R-502 and R-503.

Application notes

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 Klüber Summit RAB 68.

Materials compatibility

Klüber Summit RAB 68 has been designed to be compatible with standard NBRs (e.g. Buna-N), FKM (e.g. Viton) and CR (e.g. neoprene) elastomer materials.

Material safety data sheets

Material safety data sheets can be requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	Klüber Summit RAB 68
Canister 19 l	+
Drum 208 l	+

Product data	Klüber Summit RAB 68
Article number	050046
Density, DIN 51757, 20 °C	approx. 0.87 g/cm ³
Flash point, DIN EN ISO 2592, Cleveland, open-cup apparatus	>= 160 °C
Water content, DIN 51777 pt. 01, Karl Fischer	<= 0.02 %
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 54 mm ² /s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 6.2 mm ² /s
Pour point, DIN ISO 3016	<= -35 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months



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Klüber Lubrication – your global specialist

Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 80 years.

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