Product information

RAB Series

Synthetic refrigeration compressor

Your benefits at a glance

- Excellent solubility with refrigerants
- Good compatibility with construction materials
- Extended service life
- Reduced deposit formations in high and low temperature areas

Your requirements - our solution

Summit RAB Series refrigeration oils are alkylate based and formulated for use in reciprocating, rotary and centrifugal refrigeration compressors using ammonia, R12, R22, R114 and R502. These products are extremely stable at high compression temperatures while providing excellent low temperature properties at evaporator temperatures below -50 °F.

Application notes

Compatible with conventional mineral oil and most construction materials including Viton®, Neoprene®, and Buna-N.

Material safety data sheets

Material safety data sheets can be requested via our website https://www.klsummit.com. You may also obtain them through your contact person at Summit Lubrication.

Characteristics	RAB-32	RAB-68
Article number	340522	340523
NSF H2 registration number	-	145381
Density	0.87 g/cm³	-
Density, 20°C	-	approx. 0.866 g/cm³
Dielectric strength	45 kV/mm	-
Flash point	150 °C	-
Flash point, ASTM D92, Cleveland open cup	-	≥ 160 °C
Tota acid number	0.01 mg KOH/g	-
Water content	53 ppm	-
Water content, DIN EN ISO 12937 / DIN 51777 / ASTM E1064, Karl Fischer	-	≤ 0.02 %
Kinematic viscosity, 100°C	5.6 mm²/s	-
Kinematic viscosity, 40°C	31.6 mm²/s	-
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	-	approx. 5.8 mm²/s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	-	approx. 54 mm²/s
Viscosity index	117	-
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	-	≤ -30 °C
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346, based on standard	-50 °C	-

a brand of KLÜBER LUBRICATION

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Characteristics	RAB-32	RAB-68
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months	36 months

Summit Lubrication

Your expert in specialty lubricants. Since 1982, we have partnered with you to bring you the right solution and advanced lubrication technologies. With over 500 products, from air and gas compressor oils to refrigeration oils, we develop top-of-the-line products tailored to your specific needs. Your success is our success.

Summit Lubrication a brand of Klüber Lubrication NA LP /
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