

# 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
Density	0.87 g/cm <sup>3</sup>	0.87 g/cm <sup>3</sup>
Dielectric strength	45 kV/mm	40 kV/mm
Flash point	150 °C	165 °C
Tota acid number	0.01 mg KOH/g	0.01 mg KOH/g
Water content	53 ppm	47 ppm
Kinematic viscosity, 100°C	5.6 mm <sup>2</sup> /s	9.5 mm <sup>2</sup> /s
Kinematic viscosity, 40°C	31.6 mm <sup>2</sup> /s	70.0 mm <sup>2</sup> /s
Viscosity index	117	115
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346, based on standard	-50 °C	-41 °C
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

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## 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.

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