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Product Data Sheet



NOTE: The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current.

SYNTHETIC REFRIGERATION COMPRESSOR

RAB SERIES

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. Other performance benefits include excellent solubility with refrigerants, good compatibility with construction materials, extended service life and reduced deposit formations in high and low temperature areas.

Physical Properties

PRODUCTS	RAB-32	RAB-68
ISO Grade	32	68
Viscosity		
@ 40°C, cSt	31.6	70
@ 100°C, cSt	5.6	9.5
Viscosity Index	117	115
Pour Point, °F (°C)	-58 (-50)	-42 (-41)
Flash Point, °F (°C)	505 (263)	525 (274)
Floc Point, °F (°C) max	-85 (-65)	-67 (-55)
Specific Gravity	0.9774	0.9775
Dielectric Strength, KV	45	40
TAN, mgKOH/g	0.01	0.01
Water, ppm	53	47
NSF Registered	H2	H2

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

Shelf Life: Product shelf life is 3 years from the date of manufacture, after which the product should be recertified prior to use.