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P.O. Box 131359 • Tyler, CR 2120, Texas 75713, Phone 903.534.8021 • Fax 903.581.4376

# 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 as of May 13, 2002.

## 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    |
|---------------------------|-----------|-----------|
| Pour Point, °F (°C)       | -49 (-45) | -31 (-35) |
| Viscosity,<br>@ 40°C, cSt | 33        | 63        |
| @ 100°F, SUS              | 150       | 300       |
| Flash Point, °F (°C)      | 347 (175) | 363 (184) |
| Floc Point, °F, (°C) max  | -85 (-65) | -67 (-55) |
| Specific Gravity          | 0.86      | 0.86      |
| Dielectric Strength, KV   | 40        | 40        |
| TAN, mgKOH/g              | 0.01      | 0.01      |
| Water, ppm                | 30        | 30        |

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