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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

RPA-68

Summit RPA-68 is a synthesized hydrocarbon-alkylate 100% full-synthetic formulation for reciprocating, rotary, and centrifugal refrigeration compressor applications using any of several refrigerants including ammonia (R717), R12, R13, R22, R113, R114, R123, R401A, R401B, R402B, R409A, R500, R502 and R503.

Summit RPA-68 is not compatible with R134A and most HFCs. This product is extremely stable at higher compression temperatures while providing excellent low temperature properties at low evaporator temperatures. Performance and cost benefits include:

- Reduced oil carryover and accumulation in the evaporator
- Reduced oil consumption- Up to 70% less vs. mineral oils
- Reduced deposit formation & low foaming tendency
- Excellent seal, paint & plastic compatibility
- Extended lubricant service life- Up to 5 times longer vs. mineral oils
- Chemically stable in the presence of normal levels of water & air
- Extended lubricant service life vs. mineral oils

Physical Properties

PRODUCT	RPA-68
ISO Grade	68
Viscosity	
@ 0°C, cSt	887
@ 40°C, cSt	61.8
@ 100°C, cSt	8.89
Viscosity Index	119
Specific Gravity	0.8405
Flash Point, °F (°C)	465(241)
Pour Point, °F (°C)	-65(-54)
Four Ball Wear, mm	0.85
TAN	<0.1
NSF Registered	H2

Shelf Life: Product shelf life is 5 years from the date of manufacture, after which the product should be recertified prior to use.