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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 as of Dec. 7, 2006.

SYNTHETIC REFRIGERATION COMPRESSOR

R SERIES

Summit R Series synthetic hydrocarbon refrigeration lubricants are designed to function under severe service conditions. These fluids have a very high viscosity index, contain no paraffin and are compatible with various fluorinated refrigerants, ammonia, methyl chloride and carbon dioxide. The Summit R Series is completely miscible with petroleum-based fluids.

These fully synthetic lubricants are NSF Certified and meet USDA 1998 (H-1) guidelines (lubricants with incidental food contact).

Summit R Series lubricants are Kosher Approved.

Physical Properties

PRODUCTS	R-100	R-150	R-200	R-300
Specific Gravity	0.8274	0.8323	0.8357	0.8386
Viscosity				
@ 40°C, cSt	31.0	45.8	63.3	95
@ 100°C, cSt	5.9	7.80	10.0	13.9
Viscosity Index	135	136	143	149
Pour Point, °F (°C)	-90 (-68)	-65 (-54)	-60 (-51)	-60 (-51)
Flash Point, °F (°C)	480 (249)	510 (266)	525 (274)	540 (282)
Fire Point, °F (°C)	515 (268)	530 (277)	540 (282)	555 (291)
NSF Certified	H-1	H-1	H-1	H-1
Kosher Approval	Yes	Yes	Yes	Yes

R-100 is designed to operate in rotary compressors requiring an ISO-32 viscosity rating.

R-150 is designed to operate in rotary compressors requiring an ISO-46 viscosity rating.

R-200 is designed to operate in rotary screw compressors requiring an ISO-68 viscosity rating.

R-300 is designed to operate in reciprocating compressors requiring an ISO-100 viscosity rating.