Product Data Sheet

SUMMIT
INDUSTRIAL PRODUCTS

REFRIGERATION COMPRESSOR

RHT Series

Summit RHT Series Performance Plus oils are a highly refined, hydrotreated ammonia compressor lubricants, specially designed to function under the stringent requirements of closed-loop ammonia refrigeration systems. Besides providing value-added benefits in the areas of improved system efficiency and higher productivity, the performance advantages of Summit RHT Series oils versus naphthenic oils include:

- *Lower wax content versus the "essentially" or "virtually" wax free oils marketed by competitors*
- *Reduced oil carryover*
- *Superior cleanliness*
- *Superior chemical and thermal stability*
- *Enhanced wear protection*
- *Lower foaming tendency*
- *Extended oil drain interval capability*
- *Less oil make-up*

Summit RHT Series Performance Plus oils are exceptionally well suited for rotary screw and reciprocating compressors in ammonia service. They are compatible with naphthenic and other hydrotreated paraffinic-based compressor oils for ammonia service, as well as PAO and alkylbenzene-based products. They are compatible with all seal elastomers commonly used in these systems including Buna-N, NBR and Neoprene.

Physical Properties

PRODUCTS	RHT-32	RHT-46	RHT-68	RHT-100
ISO Grade	32	46	68	100
Specific Gravity, 60°F	0.8621	0.8671	0.8670	0.8752
Viscosity				
@ 40°C, cSt	31.18	42.55	70	100.94
@ 100°C, cSt	5.32	6.44	8.8	11.26
Viscosity Index	103	100	98	97
Flash Point, °F (ºC)	455(229)	460(238)	475(246)	515(268)
Pour Point, °F (ºC)	-53(-47)	-49(-45)	-45(-43)	-40(-40)
NSF Registered	H2	H2	H2	H2