

ChevronTexaco ISO 68 Ammonia Refrigeration Oil

Category : Fluid , Lubricant

Material Notes:

FeaturesChevron Ammonia Refrigeration Oil provides superior wear protection for reciprocating, vane, and screw compressors. Chevron Ammonia Refrigeration Oil, formulated with ISOSYN® base stocks, is designed to specifically address the requirements of ammonia refrigeration systems and provide better results than naphthenic refrigeration oils in these systems. Chevron Ammonia Refrigeration Oil provides advantages over naphthenic refrigeration oils in the critical performance areas of lubrication, thermal stability, and reduction of oil carryover.

ApplicationsChevron Ammonia Refrigeration Oil is the lubricant of choice for rotary screw, reciprocating, or rotary vane compressors in ammonia refrigeration systems. The single ISO grade is consistent with the recommendation of equipment manufacturers. Although designed for use in ammonia refrigeration systems, Chevron Ammonia Refrigeration Oil is also recommended for use in systems using refrigerant R- 22 and R-502 provided the evaporator temperature is above 32°C (-25°F). It is not recommended for systems using refrigerant R-12 or R-134a. Chevron Ammonia Refrigeration Oil is compatible with the seal elastomers commonly used in refrigeration compressors (e.g., Buna-N, chloroprene). Naphthenic refrigeration oils can compromise the integrity of certain seal elastomers. It is good maintenance practice to install new seal elastomers when replacing a naphthenic refrigeration oil. This is especially important when chloroprene (neoprene) seals are present.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-ISO-68-Ammonia-Refrigeration-Oil.php

Physical Properties	Metric	English	Comments
API Gravity	31.8 °	31.8 °	
Viscosity Measurement	102	102	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	335 SUS	335 SUS	
Saybolt Viscosity at 210°F	54 SUS	54 SUS	
Kinematic Viscosity at 40°C (104°F)	64.6 cSt	64.6 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	8.5 cSt	8.5 cSt	ASTM D445

Thermal Properties	Metric	English	Comments
Pour Point	-38.0 °C	-36.4 °F	ASTM D97
Flash Point	244 °C	471 °F	ASTM D92

Electrical Properties	Metric	English	Comments
Dielectric Strength	1.38 kV/mm	35.0 kV/in	

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