

Ammonia Refrigeration Fluid Mineral ISO 68

Product Description

Anglomoil Ammonia Refrigeration Fluid is a high-performance compressor lubricant based on severely hydrocracked, isodewaxed base oil. Anglomoil Ammonia Refrigeration Fluid is formulated with an advanced additive system developed for effectiveness in an aggressive ammonia environment. This product displays excellent thermal, oxidative and hydrolytic stability allowing for extended drain intervals. The stable viscosity and low pour point make the product very effective in applications where temperature extremes are required. Anglomoil Ammonia Refrigeration Fluid provides very low foaming performance in ammonia systems.

Anglomoil Ammonia Refrigeration Fluid is used by and meets the requirements of the following manufacturers:

- Johnson Controls (Frick)
- Howden Compressors
- Emerson (Vilter)
- Mayekawa (Mycom)

Applications

- Reciprocating and rotary screw compressors
- Ammonia refrigeration applications
- Ammonia process gas applications

Features & Benefits

Features:

- Chemical stability in presence of ammonia
- Very good thermal and oxidative stability
- Low dissolved water content
- High viscosity index and low pour point

Benefits:

- Extended drain intervals
- Prevents sludge formation
- Increased evaporator efficiency in refrigeration systems
- Less "top up" oil needed
- Minimise maintenance cost
- Minimises maintenance costs
- Minimal vapour phase oil carryover to downstream equipment
- Longer oil life
- Longer filter life
- Decreases potential emulsions
- Maximum bearing and equipment life
- Better gas/oil separation in coalescing filters

- More protection at high operating temperatures
- Better oil return from evaporator
- Less wear at start up
- Ability to flow at low temperatures

Typical Characteristics

Test	Result	Method
S.G. @ 20 °C	0.867	ASTM D4052
Viscosity @ 40°C	68.2	ASTM D445
Viscosity @ 100°C	8.8	ASTM D445
Viscosity Index	102	ASTM D2270
Acid Value, mgKOG/gm	<0.05	ASTM D974
Flash Point, °C	245	ASTM D92
Pour Point, °C	-39	ASTM D97

Master Item# 2096

Pack Size Availability: 20L, 200L, IBC=1000L

Last Updated: 24th May 2023
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