

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 and Benefits

Feature	Potential Benefit
Chemical stability in presence of ammonia	<ul style="list-style-type: none"> • Prevents sludge formation • Increased evaporator efficiency in refrigeration systems • Less "top up" oil needed • Minimize maintenance cost • Extended drain intervals
Very good thermal and oxidative stability	<ul style="list-style-type: none"> • Minimal vapour phase oil carryover to downstream equipment • Longer oil life • Longer filter life • Minimize maintenance costs
Low dissolved water content	<ul style="list-style-type: none"> • Maximum bearing and equipment life • Better gas/oil separation in coalescing filters • Decreases potential emulsions
High viscosity index and low pour point	<ul style="list-style-type: none"> • Better oil return from evaporator • Less wear at start up • Ability to flow at low temperatures • More protection at high operating temperatures

Typical Characteristics

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