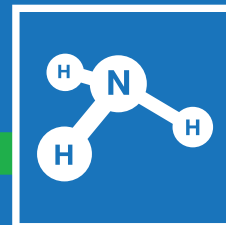


CPI®-4647-68

Ammonia Compressor Lubricant



Description

CPI®-4647-68 is a custom-blended fully synthetic polyalphaolefin/alkyl benzene fluid, giving improved lubrication at high and low temperatures. This product also exhibits reduced volatility, good chemical inertness, hydrolytic stability, and compatibility with mineral oils and equipment designed for use with mineral oils.

CPI®-4647-68 is a long life lubricant, formulated especially for ammonia refrigeration service. Other viscosities are available for specific applications.

CPI®-4647-68 was specifically designed as an improvement over traditional mineral oils and semi-synthetic mineral oils in refrigeration applications, due to excellent low temperature properties.



Applications and Compressor Type

- Ammonia rotary screw compressors
- Ammonia reciprocating compressors

Features and Benefits

Seal swell capability
Mineral oil compatible
Oxidatively stable
Low carry-over
Corrosion protection
Low pour point

Minimize ammonia leaks
Easier change-over
Longer system life
Improve evaporator efficiency
Enhanced system reliability and reduced down-time
Reduced efficiency loss and easier removal of the oil

Test Procedure	ASTM Method	Typical
Viscosity @ 40°C, cSt	ASTM D445	64.3
Viscosity @ 100°C, cSt	ASTM D445	8.8
Viscosity Index	ASTM D2270	110
Density, g/mL, 20°C	ASTM D4052	0.84
Pour Point (°C)	ASTM D97	-45
Flash Point, C.O.C., (°C)	ASTM D92	241
Fire Point, C.O.C., (°C)	ASTM D92	257

CPI Fluid Engineering
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