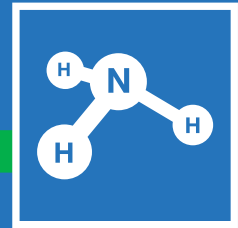


CPI®-412-100DX

Ammonia Compressor Lubricant



Description

CPI®-412-100DX is formulated with high quality synthetic basestock, and is soluble with ammonia.

This lubricant features enhanced oxidation stability and a low pour point, allowing it to operate over a wide range of temperatures. The oil has low volatility, enabling decreased maintenance and significantly reduced lubricant consumption.

CPI®-412-100DX is particularly suited for use in ammonia compressors with direct expansion style evaporators where a soluble oil is a necessity.



Applications and Compressor Type

- Ammonia compressors
- Process gas rotary screw
- Process gas reciprocating compressors

Features and Benefits

Soluble in ammonia	Enhanced heat transfer and efficiency
Oxidatively stable	Longer system life
Low carry-over	Improve evaporator efficiency
Corrosion protection	Enhanced system reliability and reduced down-time
Very low pour point	Reduced efficiency loss and easier removal of the oil
Low volatility	Reduced maintenance, reduced top-up

Test Procedure	ASTM Method	Typical
Viscosity @ 40°C, cSt	ASTM D445	98.1
Viscosity @ 100°C, cSt	ASTM D445	11.68
Viscosity Index	ASTM D2270	108
Density, g/mL, 20°C	ASTM D4052	0.98
Pour Point (°C)	ASTM D97	-32
Flash Point, C.O.C., (°C)	ASTM D92	236