

CPI®-1506 Series

Hydrocarbon Refrigeration Compressor Lubricant



Description

The **CPI®-1506 Series** compressor lubricants are formulated with premium polyalkylene glycol (PAG) base fluids.

These compressor lubricants feature excellent thermal and oxidative stability as well as a low pour point and high viscosity index, allowing them to operate over a wide range of temperatures.

The **CPI®-1506 Series** is recommended for use in propane and propylene refrigeration systems and high temperature applications due to their reduced solubility with hydrocarbon gases and high viscosity index.



Applications and Compressor Type

- Centrifugal compressors
- Propane and propylene refrigeration

Features and Benefits

Excellent lubricity
High oxidative stability
High viscosity index
Low volatility

Increased efficiency and reduced cost of operation
Longer system life
Small viscosity changes over wide temperature ranges
Reduced maintenance and reduced top-offs

Typical Properties*

Test Procedure	ASTM Test Method	CPI®-1506-22	CPI®-1506-32
Kinematic Viscosity, cSt	D445		
40°C		22.6	29.9
100°C		5.07	7.02
Viscosity Index	D2270	161	210
Density, g/mL	D4052		
15.6°C		0.956	0.985
Flash and Fire Point, °C	D92		
Flash Point		179	204
Fire Point		196	229
Pour Point, °C	D5950	-40	-45

*These values are not intended for use in preparing specifications

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