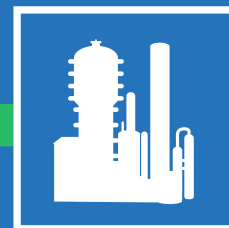


CPI®-1516 Series

Specialty Gas Compressor Lubricants



Description

The **CPI®-1516 Series** compressor lubricants are formulated using a polyalkylene glycol (PAG) base fluid combined with a high performance additive package.

These compressor lubricants feature excellent protection against yellow metal staining by careful selection of a combination of corrosion inhibitors. This, coupled with unparalleled oxidative and thermal stability, ensures that the use of these lubricants over a wide range of applications and systems will result in a long, trouble-free service interval.

The **CPI®-1516 Series** fluids are especially advantageous in propane refrigeration applications and high temperature applications due to their low volatility and high viscosity index.

Applications and Compressor Type

- Flooded rotary screw compressors
- Propane refrigeration

Features and Benefits

Corrosion protection (yellow metals)
Excellent lubricity
Oxidatively stable
High viscosity index

Enhanced system reliability and reduced down-time
Increased efficiency and reduced cost of operation
Longer system life
Small viscosity changes over wide temperature ranges

Typical Properties*

Test Procedure	ASTM Test Method	CPI®-1516-68	CPI®-1516-100	CPI®-1516-150
Kinematic Viscosity, cSt	D445			
40°C		66.75	105.9	143.99
100°C		10.4	16.45	22.46
Viscosity Index	D2270	143	168	185
Density, g/mL	D4052			
15.6°C		1.0081	1.0077	1.0016
20.0°C		1.0046	1.0043	0.9982
Flash and Fire Point, °C	D92			
Flash Point		263	261	248
Fire Point		277	279	250
Pour Point, °C	D5950	-44	-43	-43
Foaming Tendency, mL	D892			
Sequence I		0/0	0/0	0/0
Sequence II		0/0	0/0	20/0
Sequence III		0/0	0/0	0/0
Copper Strip Corrosion	D130	1B	1B	1A
Rust Test	D665			
Part A - Distilled Water		Pass	Pass	Pass

*These values are not intended for use in preparing specifications

CPI Fluid Engineering
www.cpifluideng.com

North and South America
The Lubrizol Corporation
2300 James Savage Road
Midland, MI 48642, USA
Telephone: 1 (989) 496-3780
Email: sales@cpifluideng.com

Europe, Middle East and Africa
Lubrizol Limited
Pavilion One, Belasis Court
Greenwood Road
Stockton-on-Tees
TS23 4AZ, UK
Telephone: +44 1642 565266
Email: euafricamesales@cpifluideng.com

Asia-Pacific
Lubrizol Southeast Asia (Pte) Ltd
44 Tanjung Penjuru
Singapore 609032
Telephone: + 65-66638 684
Email: asiasales@cpifluideng.com

