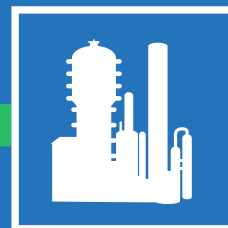


# CPI®-1519 Series

## Specialty Gas Compressor Lubricants



### Description

The **CPI®-1519 Series** compressor lubricants are formulated using a premium polyalkylene glycol (PAG) base fluid combined with a high performance additive package. These fluids are specifically formulated to provide limited dilution with hydrocarbon gases.

These compressor lubricants feature excellent protection against hydrogen sulfide (H<sub>2</sub>S) in the gas stream. Corrosion protection, low pour point, excellent lubricity, and limited dilution with hydrocarbon gases ensure that the use of these lubricants over a wide range of applications and systems will result in a long, trouble-free, and uninterrupted service interval.

The **CPI®-1519 Series** fluids are especially advantageous in compressors operating in harsh chemical environments, particularly sour gas (H<sub>2</sub>S present) applications, due to their robust formulation.

### Applications and Compressor Type

- Flooded rotary screw compressors
- Reciprocating compressors
- Sour gas applications

### Features and Benefits

<b>Hydrocarbon dilution resistance</b>	Limited hydrocarbon dilution in operation
<b>Corrosion protection (H<sub>2</sub>S)</b>	Resistance against H <sub>2</sub> S corrosion
<b>Excellent lubricity</b>	Increased efficiency and reduced cost of operation
<b>Oxidatively stable</b>	Longer system life

## Typical Properties\*

Test Procedure	ASTM Test Method	CPI®-1519-100	CPI®-1519-150	CPI®-1519-220
<b>Kinematic Viscosity, cSt</b>	D445			
40°C		102.4	150.7	219.7
100°C		20.45	29.21	41.48
<b>Viscosity Index</b>	D2270	226	235	244
<b>Density, g/mL</b>	D4052			
15.6°C		1.0418	1.0498	1.0540
20.0°C		1.0424	1.0463	1.0504
<b>Flash and Fire Point, °C</b>	D92			
Flash Point		249	243	241
Fire Point		271	266	274
<b>Pour Point, °C</b>	D5950	-51	-45	-45
<b>Foaming Tendency, mL</b>	D892			
Sequence I		0/0	0/0	0/0
Sequence II		30/0	10/0	10/0
Sequence III		30/0	0/0	0/0
<b>Copper Strip Corrosion</b>	D130	1B	1B	1B
<b>Rust Test</b>	D665			
Part A - Distilled Water		Pass	Pass	Pass

\*These values are not intended for use in preparing specifications

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