CPI®-1516-100

Hydrocarbon process gas compressor lubricant

Product description

CPI®-1516-100
is formulated by using premium polyalkylene glycol (PAG), coupled with a high performance additive package. The lubricant is specifically formulated to ensure shear stability, corrosion protection, and excellent lubricity. Statoil is a strategic partner and reseller of lubricant products for CPI Fluid Engineering.

Application areas

CPI®-1516-100
is specifically advantageous in high temperature applications, particularly as the low volatility and high viscosity index means that there is significantly reduced lubricant in the gas stream, ensuring that the use of the lubricant over a wide range of applications and systems will result in a long, trouble-free and uninterrupted service interval. The product can be used for flooded rotary screw compressors and propane refrigeration.

Characteristics and advantages

CPI®-1516-100

features 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 the lubricant over a wide range of applications and systems will result in a long, trouble-free and uninterrupted service interval. The corrosion protection for yellow metals provides enhanced system reliability and reduced down-time, the extremely low volatility reduces the maintenance and top-ups and since the product is oxidatively stable it provides longer system life. The product also has excellent lubricity which increases the efficiency and reduces the cost of operation and the high viscosity index makes it possible to use the product over a wide range of operational temperatures.

Tests and approvals

Handling and storage

Avoid skin contact. In the event of contact with skin, wash with soap and water. Dispose of used oil at a recycling station or equivalent. Safety data sheets are available on www.statoillubricants.com or supplied on request.

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Typical Data

Characteristics	Typical value	Unit	Method
Acid number	0.08	mg KOH/g	ASTM D 974
Flash point COC	260	°C	ISO 2592
Pour point	-40	°C	ISO 3016
Viscosity at 40°C	100.6	mm²/s	ISO 3104
Viscosity at 100°C	18.6	mm²/s	ISO 3104
Viscosity index	223	-	ISO 2909
Density at 20°C	1.0	g/ml	ISO 12185

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