CPI®-1515-150

Hydrocarbon process gas compressor lubricant

Product description

CPI®-1515-150 is formulated by using premium polyalkylene glycol (PAG), coupled with a high performance additive package. The lubricant is specifically formulated to give negligible solubility or dilution in hydrocarbon gases. Statoil is a strategic partner and reseller of lubricant products for CPI Fluid Engineering.

Application areas

CPI®-1515-150 is specifically advantageous in high temperature applications, particularly as the low volatility and negligible dilution with hydrocarbons means that there is significantly reduced lubricant in the gas stream, ensuring that the use of these lubricants over at wide range of applications and systems will result in a long trouble-free and uninterupted service interval. The product can be used for flooded rotary screw compressors, centrifugal compressors and liquid ring vacuum pumps.

Characteristics and advantages

CPI®-1515-150 features excellent protection against hydrogen sulphide (H2S) within the gas stream. Corrosion protection, low pour point and excellent lubricity ensure that the use of the product over a wide range of applications and systems will result in a long, trouble-free and uninterrupted service interval. Through hydrocarbon insolubility the product provides an insignificant dilution in operation, it is resistant against H2S corrosion and since it is oxidatively stable it also provides longer system life. The low volatility of the product provides reduced maintenance and reduced top-ups, and the excellent lubricity will provide increased efficiency and reduced cost of operation.

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.

Typical Data

Characteristics	Typical value	Unit	Method
Flash point COC	257	°C	ISO 2592
Pour point	-45	°C	ISO 3016
Viscosity at 40°C	145.8	mm²/s	ISO 3104
Viscosity at 100°C	23.5	mm²/s	ISO 3104
Viscosity index	228	-	ISO 2909
Density at 20°C	1.038	g/ml	ISO 12185

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