

CPI®-1005-100

Hydrocarbon process gas compressor lubricant

Product description

CPI®-1005-100 is formulated by using a highly hydrocracked and isodewaxed mineral oil, coupled with an additive package that is specifically designed to give superior performance within compressor systems. Statoil is a strategic partner and reseller of lubricant products for CPI Fluid Engineering.

Application areas

CPI®-1005-100 is specifically advantageous in compressors operating with harsh chemical environments due to the inertness and cleanliness of operation. The product can be used for flooded rotary screw compressors and in harsh chemical environments.

Characteristics and advantages

The lubricant features an excellent corrosion protection and an extremely low pour point, which combined with the enhanced lubricity performance, enables it to be used within systems over wide range of operational temperatures with unparalleled performance. The product is resistant against H₂S corrosion and it has a low pour point which makes it suitable for use in reduced temperature environments. 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
Density at 15°C	890	kg/m ³	ISO 12185
Flash point COC	243	°C	ISO 2592
Viscosity at 40°C	110.3	mm ² /s	ISO 3104
Viscosity at 100°C	11.7	mm ² /s	ISO 3104
Viscosity index	116	-	ISO 2909
Density at 20°C	870	g/ml	ISO 12185

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