

CPI®-1005-150

Hydrocarbon process gas compressor lubricant

Product description

CPI®-1005-150 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®-1005-150 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

For additional information, see Safety Data Sheet

Typical Data

Characteristics	Typical value	Unit	Method
Density at 15°C	890	kg/m ³	ISO 12185
Flash point COC	246	°C	ISO 2592
Pour point	-37	°C	ISO 3016
Viscosity at 40°C	148	mm ² /s	ISO 3104
Viscosity at 100°C	15.3	mm ² /s	ISO 3104
Viscosity index	97	-	ISO 2909

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