

CPI®-1005-46

Hydrocarbon process gas compressor lubricant

Product description

CPI®-1005-46 is a custom-blended, highly refined, dewaxed and chemically inert lubricant for compressors. Optimized to be used in process applications. Statoil is a strategic partner and reseller of lubricant products for CPI Fluid Engineering.

Application areas

CPI®-1005-46 is a lubricant/coolant for process and gas rotary screw compressors. The product is also a lubricant/coolant for process applications and is especially effective in combating corrosion and promoting long life in sour gas compressors.

Characteristics and advantages

Silicone additions act as lubricity improvers, defoamant, pour point depressant and helps to protect metal surfaces against corrosion. The product is widely used for applications where the lubricant is subjected to harsh chemical environments. It also contains an antioxidant compatible with ammonia systems.

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	858	kg/m ³	ISO 12185
Flash point COC	204	°C	ISO 2592
Pour point	-39	°C	ISO 3016
Viscosity at 40°C	45.38	mm ² /s	ISO 3104
Viscosity at 100°C	7.38	mm ² /s	ISO 3104
Viscosity index	126	-	ISO 2909

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