

CPI®-4600-46

Refrigeration compressor oil

Product description

CPI®-4600-46 is a custom-blended polyalphaolefin (PAO) synthetic oil with superior stability. Statoil is a strategic partner and reseller of lubricant products for CPI Fluid Engineering.

Application areas

CPI®-4600-46 is a long life lubricant formulated especially for flooded screw compressors.

Characteristics and advantages

CPI®-4600-46 provides improved lubrication at high and low temperatures, reduced volatility, good chemical inertness and hydrolytic stability, and compatibility with mineral oils and equipment designed for use with mineral oils. CPI®-4600-46 is recommended for refrigeration services due to excellent low temperature properties since it is synthetic and wax-free. A low pour point prevents the lubricant from congealing in refrigeration lines. A high film strength provides improved lubricity even when diluted with refrigerants.

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	829	kg/m ³	ISO 12185
Flash point COC	246	°C	ISO 2592
Pour point	-60	°C	ISO 3016
Viscosity at 40°C	46.9	mm ² /s	ISO 3104
Viscosity at 100°C	7.9	mm ² /s	ISO 3104
Viscosity index	139	-	ISO 2909

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