

# CPI®-4600-100

## Refrigeration compressor oil

### Product description

CPI®-4600-100 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®-4600-100 is a long life lubricant formulated especially for flooded screw compressors.

### Characteristics and advantages

CPI®-4600-100 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®-4600-100 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](http://www.statoillubricants.com) or supplied on request.

### Typical Data

| Characteristics    | Typical value | Unit               | Method    |
|--------------------|---------------|--------------------|-----------|
| Density at 15°C    | 815           | kg/m <sup>3</sup>  | ISO 12185 |
| Flash point COC    | 238           | °C                 | ISO 2592  |
| Pour point         | -51           | °C                 | ISO 3016  |
| Viscosity at 40°C  | 97.3          | mm <sup>2</sup> /s | ISO 3104  |
| Viscosity at 100°C | 14.2          | mm <sup>2</sup> /s | ISO 3104  |
| Viscosity index    | 150           | -                  | ISO 2909  |

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