

CP-4201-46

PRODUCT DESCRIPTION

CP-4201-46 product is custom blended polyol ester(POE) long life synthetic lubricants. They are ideal for rotary screw air compressor applications where oil is exposed to elevated temperatures for extended periods of time. Accelerated tests show CP-4201-46 product has at least four times the life of conventional diester oils.

CP-4201-46 product is especially advantageous in high temperature applications. They do not leave varnish or sludge when they oxidize like polyalphaolefin (PAO) or mineral oil based products do.

CP-4201-46 is readily biodegradable. Small amounts of this oil spilled or leaked onto the ground will not adversely affect the environment. Disposal of this fluid should be done in accordance with Local, State, and Federal regulations.

CP-4201-46 product high quality basestocks coupled with state of the art additive technology results in performance improvements beyond mineral oil and other synthetic air compressor lubricants. Among these are:

- Extremely low volatility
- Outstanding low temperature properties
- Excellent corrosion protection
- Excellent oxidative stability
- Exceptional thermal stability
- Superior demulsibility
- Good natural lubricity
- Better gas-lubricant separation (better coalescing)

| TYPICAL PROPERTIES* | CP-4201-46 |
|------------------------------|-------------------|
| Viscosity@40°C,cSt,ASTM D445 | 49.57 |
| Viscosity @100°C,cSt | 7.45 |
| Viscosity @100°F | 54.89 |
| Viscosity @210°F | 7.63 |
| Viscosity Index ASTM D2270 | 113 |
| Density, 1b/gal, 20 °C | 7.93 |

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|--------------------------------------|-----------|
| Density, g/ml, 20°C | 0.952 |
| Pour point °F (°C) ASTM D97 | -40 (-40) |
| Flash point C.O.C., °F (°C) ASTM D92 | 550°F |
| Fire point C.O.C., °F (°C) ASTM D92 | 570°F |
| Biodegradability (CEC L-33-T-82) | 86.6% |

*These values are not intended for use in preparing specifications

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