

ConocoPhillips 460 Bearing Oil

Category : Fluid , Lubricant

Material Notes:

Description: Conoco Bearing Oil is formulated for the circulating systems that lubricate roll-neck bearings in steel and nonferrous rolling mills. It is suited for systems in which water and corrosive acids from the pickling solution contaminate the oil supply. The oil neutralizes these common acids before they can etch the bearing journals and pads. This is especially valuable during shutdown periods. Bearing Oil extends bearing life and reduces the downtime required for bearing changeouts for the roll stands. Bearing Oil is available in ISO grade 460. Bearing oil exceeds the requirements of the Morgoil Lubricant Specification for use in roll-neck bearings. Information provided by ConocoPhillips.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ConocoPhillips-460-Bearing-Oil.php

| Physical Properties | Metric | English | Comments |
|--------------------------------------|------------|------------|------------------------------|
| Specific Gravity | 0.895 g/cc | 0.895 g/cc | 60°F |
| API Gravity | 26.6 ° | 26.6 ° | |
| Viscosity Measurement | >= 96 | >= 96 | Viscosity Index; ASTM D 2270 |
| Kinematic Viscosity at 40°C (104°F) | 452 cSt | 452 cSt | |
| Kinematic Viscosity at 100°C (212°F) | 30.1 cSt | 30.1 cSt | |
| ASTM Color | 6.5 | 6.5 | ASTM D 1500 |

| Thermal Properties | Metric | English | Comments |
|--------------------|-------------|------------|-----------|
| Pour Point | <= -12.2 °C | <= 10.0 °F | ASTM D 97 |
| Flash Point | >= 302 °C | >= 575 °F | ASTM D 92 |

| Chemical Properties | Metric | English | Comments |
|---------------------|--------|---------|-----------|
| Total Acid Number | 0.40 | 0.40 | ASTM D974 |

| Descriptive Properties | Value | Comments |
|------------------------------------|------------|--------------------|
| Copper Strip | Max 1A | ASTM D130 |
| Emulsion | 0 ml | |
| Emulsion Characteristics (40-37-3) | 25 minutes | ASTM D-1401, 180°F |
| Foam Characteristics Sequence I | Max 0-0-0 | ASTM D892 |
| Free Water From Centrifuge | 0.6 ml | |

| Descriptive Properties | Value | Comments |
|------------------------|----------------|-----------|
| Rust (Part A) | Pass (Minimum) | ASTM D655 |
| Total Free Water | Min 35.85 ml | |
| Water in Oil | Max 0.25 % | |

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