

ConocoPhillips 150 Super Hydraulic Oil

Category : Fluid , Lubricant

Material Notes:

Description: Conoco Super Hydraulic Oil is a high-quality antiwear hydraulic fluid formulated from premium Conoco hydrocracked base stocks to provide superior water separation, antiwear protection, rust and corrosion inhibition, oxidation resistance and thermal stability. Super Hydraulic Oil is recommended for use in a variety of high-pressure mobile and stationary hydraulic systems utilizing vane, piston or gear pumps, especially where water contamination is a frequent occurrence. Super Hydraulic Oil has been tested and formally approved by Denison Hydraulics in accordance with its premium HF-0 requirements. Super Hydraulic Oil also has been formally approved by Cincinnati Milacron under specifications P-68 (ISO 32), P-70 (46) and P-69 (68). Super Hydraulic Oil exceeds Vickers M-2950-S, Vickers I-286-S and U.S. Steel 127 and 136 requirements. Super Hydraulic Oil is available in a variety of viscosity grades, including two multiviscosity (MV) grades for low temperature operation. Super Hydraulic Oil MV22 and MV32 are high-viscosity index products with exceptionally low pour point and superior low temperature pumpability. Super Hydraulic Oil MV22 and MV32 can be used year-round in hydraulic systems in virtually all climates. Information provided by ConocoPhillips.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ConocoPhillips-150-Super-Hydraulic-Oil.php

| Physical Properties | Metric | English | Comments |
|--------------------------------------|------------|---------------------------|-----------------|
| Density | 0.877 g/cc | 0.0317 lb/in ³ | |
| Viscosity Measurement | 98 | 98 | Viscosity Index |
| Saybolt Viscosity at 100°F | 782 SUS | 782 SUS | |
| Saybolt Viscosity at 210°F | 79 SUS | 79 SUS | |
| Kinematic Viscosity at 40°C (104°F) | 149 cSt | 149 cSt | |
| Kinematic Viscosity at 100°C (212°F) | 14.7 cSt | 14.7 cSt | |
| Oxidative Stability | 5000 hour | 5000 hour | |
| ASTM Color | 3.0 | 3.0 | |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|----------|-----------|----------|
| Four Ball Wear | 0.450 mm | 0.0177 in | |

| Thermal Properties | Metric | English | Comments |
|--------------------|----------|----------|----------|
| Pour Point | -20.6 °C | -5.00 °F | |
| Flash Point | 260 °C | 500 °F | |

| Electrical Properties | Metric | English | Comments |
|-----------------------|--------|---------|----------|
|-----------------------|--------|---------|----------|

| Dielectric Strength Electrical Properties | 35.0 kV/mm Metric | 889 kV/in English | No thickness given Comments |
|--|----------------------|----------------------|--------------------------------|
| Descriptive Properties | Value | | Comments |
| Emulsion Characteristics (40-40-0) | 10 minutes | | |
| FZG | Pass 10 Stages | | |
| FZG Pass | 10 | | |

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