

ConocoPhillips 46 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-46-Super-Hydraulic-Oil.php

Physical Properties	Metric	English	Comments
Density	0.866 g/cc	0.0313 lb/in ³	
Viscosity Measurement	99	99	Viscosity Index
Saybolt Viscosity at 100°F	237 SUS	237 SUS	
Saybolt Viscosity at 210°F	49 SUS	49 SUS	
Kinematic Viscosity at 40°C (104°F)	46 cSt	46 cSt	
Kinematic Viscosity at 100°C (212°F)	6.8 cSt	6.8 cSt	
Oxidative Stability	5500 hour	5500 hour	
ASTM Color	0.50	0.50	

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

Thermal Properties	Metric	English	Comments
Pour Point	-34.4 °C	-30.0 °F	
Flash Point	227 °C	440 °F	

Electrical Properties	Metric	English	Comments
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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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