

ConocoPhillips 100 Ultra-Clean Super Hydraulic Oil

Category : Fluid , Lubricant

Material Notes:

Description: Conoco Ultra-Clean Super Hydraulic Oils have the same high performance characteristics of regular Super Hydraulic Oils with the added advantage of a guaranteed ISO cleanliness code of 14/11. Careful attention to particle control leads to high cleanliness fluids appropriate for use in critical applications. Ultra-Clean Super Hydraulic Oils are recommended for use in a variety of high-pressure mobile and stationary hydraulic systems utilizing vane, piston or gear pumps, especially where particle contamination can create operational problems. By virtue of their composition, Ultra-Clean Super Hydraulic Oils have the same performance rating and meet the same approval criteria as Super Hydraulic Oils, thus meeting Denison Hydraulics' HF-0 requirements and Cincinnati Machine's P-68 (ISO 32), P-70 (46) and P-69 (68) specifications. Similarly, Ultra-Clean Super Hydraulic Oil exceeds Vickers M-2950-S, Vickers I-286-S and U.S. Steel 127 and 136 requirements. Ultra-Clean Super Hydraulic Oils are available in ISO Viscosity Grades 32, 46, 68 and 100. Information provided by ConocoPhillips.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ConocoPhillips-100-Ultra-Clean-Super-Hydraulic-Oil.php

Physical Properties	Metric	English	Comments
Density	0.870 g/cc	0.0314 lb/in ³	
Viscosity Measurement	98	98	Viscosity Index
Saybolt Viscosity at 100°F	522 SUS	522 SUS	
Saybolt Viscosity at 210°F	65 SUS	65 SUS	
Kinematic Viscosity at 40°C (104°F)	100 cSt	100 cSt	
Kinematic Viscosity at 100°C (212°F)	11.2 cSt	11.2 cSt	
Oxidative Stability	4500 hour	4500 hour	ASTM D 943
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	-31.7 °C	-25.0 °F	
Flash Point	249 °C	480 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	35.0 kV/mm	889 kV/in	No thickness given

Descriptive Properties	Value	Comments
Emulsion Characteristics (40-40-0)	10 minutes	
FZG	Pass 10 Stages	
ISO Cleanliness Code	14/11	

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