

ConocoPhillips 680 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-680-Bearing-Oil.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.905 g/cc	0.905 g/cc	60°F
API Gravity	24.9 °	24.9 °	
Viscosity Measurement	>= 98	>= 98	Viscosity Index; ASTM D 2270
Kinematic Viscosity at 40°C (104°F)	670 cSt	670 cSt	
Kinematic Viscosity at 100°C (212°F)	36.1 cSt	36.1 cSt	
ASTM Color	7.0	7.0	ASTM D 1500

Thermal Properties	Metric	English	Comments
Pour Point	<= -12.2 °C	<= 10.0 °F	ASTM D 97
Flash Point	>= 316 °C	>= 600 °F	ASTM D 92

Chemical Properties	Metric	English	Comments
Total Acid Number	0.45	0.45	ASTM D974

Descriptive Properties	Value	Comments
Copper Strip	Max 1A	ASTM D130
Emulsion	Max 0.85 ml	
Emulsion Characteristics (40-37-2)	30 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 B)	Pass	ASTM D655
Total Free Water	Min 32.6 ml	
Water in Oil	Max 0.5 %	

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