

ConocoPhillips Hydroclear® 100 Turbine Oil

Category : Fluid , Lubricant

Material Notes:

Description: Conoco Hydroclear Turbine Oil is a premium rust- and oxidationinhibited turbine oil formulated from exclusive Conoco hydrocracked base stock. Hydroclear Turbine Oil is specially formulated with proprietary additive chemistry to meet the requirements of steam, gas and hydroelectric turbine service. Hydroclear Turbine Oil also can be used successfully in pumps, motors and a variety of other industrial applications where a premium rust- and oxidation-inhibited oil is recommended. Hydroclear Turbine Oil has been tested and formally approved by Cincinnati Milacron under specifications P-38 (ISO 32), P-55 (46) and P-54 (68).Information provided by ConocoPhillips.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ConocoPhillips-Hydroclear-100-Turbine-Oil.php

Physical Properties	Metric	English	Comments
Density	0.872 g/cc	0.0315 lb/in ³	
Viscosity Measurement	100	100	Viscosity Index
Saybolt Viscosity at 100°F	510 SUS	510 SUS	
Saybolt Viscosity at 210°F	65 SUS	65 SUS	
Kinematic Viscosity at 40°C (104°F)	98 cSt	98 cSt	
Kinematic Viscosity at 100°C (212°F)	11.3 cSt	11.3 cSt	
Oxidative Stability	7500 hour	7500 hour	ASTM D 943
ASTM Color	0.50	0.50	

Thermal Properties	Metric	English	Comments
Pour Point	-28.9 °C	-20.0 °F	
Rotating Bomb Oxidation Test (RBOT)	850 min	850 min	ASTM D 2272
Flash Point	254 °C	490 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	>= 30.0 kV/mm	>= 762 kV/in	No thickness given; ASTM D877

Descriptive Properties	Value	Comments
Emulsion Characteristics (40-40-0)	10 minutes	
Zinc	Max 10 ppm	

Descriptive Properties

Value

Comments

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