

ConocoPhillips Hydroclear® 2 Ultra-Clean Spindle Oil

Category : Fluid , Lubricant

Material Notes:

Description: Conoco Hydroclear Ultra-Clean Spindle fluids comprise blends of special base oils and additives specially formulated for use in applications where a lubricant combining the properties of a light spindle oil and light hydraulic oil are required. Information provided by ConocoPhillips.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ConocoPhillips-Hydroclear-2-Ultra-Clean-Spindle-Oil.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.8076 g/cc	0.8076 g/cc	ASTM D-4052
API Gravity	43.7 °	43.7 °	ASTM D-1298
Kinematic Viscosity	2.6 cSt @Temperature 21.0 °C	2.6 cSt @Temperature 69.8 °F	ASTM D 445
Kinematic Viscosity at 40°C (104°F)	1.96 cSt	1.96 cSt	ASTM D 445
Kinematic Viscosity at 100°C (212°F)	1.02 cSt	1.02 cSt	ASTM D 445
ASTM Color	<= 0.50	<= 0.50	

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.062	0.062	ASTM D4172A
Four Ball Wear	0.519 mm	0.0204 in	Scar Diameter; ASTM D-4172A

Thermal Properties	Metric	English	Comments
Pour Point	-53.9 °C	-65.0 °F	ASTM D-97
Flash Point	121 °C	250 °F	ASTM D-92

Chemical Properties	Metric	English	Comments
Total Acid Number	0.040	0.040	mg KOH/g; ASTM D-974

Descriptive Properties	Value	Comments
Copper Corrosion	1A	ASTM D130
Emulsion Characteristics (40-40-0)	5 minutes	ASTM D-1401
Freshwater Rust Test	Pass	ASTM D665A

Descriptive Properties	Value	Comments
Sim. Seawater Rust Test	Pass	ASTM D665B
Thermal stability	4 mg/100 mL	Mod. CM "A" Sludge

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