

## ConocoPhillips Hydroclear® 10 Rolling Oil

Category : Fluid , Lubricant

### Material Notes:

Description: Conoco Hydroclear Rolling Oil is a multipurpose rolling oil formulated from premium Conoco hydrocracked base stocks. Hydroclear Rolling Oil is specially formulated with proprietary additive chemistry and is recommended for use in a variety of rolling applications for nonferrous materials, such as aluminum, copper, brass and other copper alloys. Hydroclear Rolling Oil is nonstaining, does not contain zinc and provides very good wear protection for use in hydraulic systems. Hydroclear Rolling Oil also can be used as an exceptional bearing lubricant and as a roll-coating oil in most mill applications. Hydroclear Rolling Oil provides exceptional oxidation resistance, foam control, rust and corrosion protection and rapid low-temperature demulsibility. Hydroclear Rolling Oil exceeds the performance requirements of Vickers I-286-S and U.S. Steel 127 and 136. Hydroclear Rolling Oil in ISO viscosity grades 150, 320 and 460 exceeds the Morgan Construction Company lubricant specifications for use in No-Twist Rod Mills. Information provided by ConocoPhillips.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ConocoPhillips-Hydroclear-10-Rolling-Oil.php](http://www.lookpolymers.com/polymer_ConocoPhillips-Hydroclear-10-Rolling-Oil.php)

Physical Properties	Metric	English	Comments
Density	0.848 g/cc	0.0306 lb/in <sup>3</sup>	
Viscosity Measurement	90	90	Viscosity Index
Saybolt Viscosity at 100°F	70 SUS	70 SUS	
Saybolt Viscosity at 210°F	36 SUS	36 SUS	
Kinematic Viscosity at 40°C (104°F)	12 cSt	12 cSt	
Kinematic Viscosity at 100°C (212°F)	2.9 cSt	2.9 cSt	
Oxidative Stability	12000 hour	12000 hour	ASTM D 943
ASTM Color	0.50	0.50	

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	160 kg	353 lb (mass)	
Four Ball Wear	0.480 mm	0.0189 in	

Thermal Properties	Metric	English	Comments
Pour Point	-45.6 °C	-50.0 °F	
Rotating Bomb Oxidation Test (RBOT)	750 min	750 min	ASTM D 2272
Flash Point	182 °C	360 °F	

Descriptive Properties	Value	Comments
ASTM Rust A&B	Pass	ASTM D665
Copper Corrosion	1A	
Emulsion Characteristics (40-40-0)	5 minutes	
Foam Control (Sequence I,II,III)	0-0-0	

## Contact Songhan Plastic Technology Co.,Ltd.

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