## **ConocoPhillips Hydroclear® 15 Spindle Oil**

Category : Fluid , Lubricant

## Material Notes:

Description: Conoco Hydroclear Spindle Oil is a high-quality needle- and spindlebearing lubricant formulated from premium Conoco hydrocracked base stocks. Hydroclear Spindle Oil is specially formulated with proprietary additive chemistry and oiliness agents, and is recommended for use in the lubrication of high-speed needle and spindle bearings typically found in agriculture and textile equipment. Hydroclear Spindle Oil is also ideally suited for use in machine tools and other equipment where a low-viscosity, thermally stable lubricant is required. Hydroclear Spindle Oil is available in an ISO 15 viscosity grade.Information provided by ConocoPhillips.

## Order this product through the following link: http://www.lookpolymers.com/polymer\_ConocoPhillips-Hydroclear-15-Spindle-Oil.php

Physical Properties	Metric	English	Comments
Density	0.853 g/cc	0.0308 lb/in <sup>3</sup>	
Viscosity Measurement	90	90	Viscosity Index
Saybolt Viscosity at 100°F	82 SUS	82 SUS	
Saybolt Viscosity at 210°F	38 SUS	38 SUS	
Kinematic Viscosity at 40°C (104°F)	15 cSt	15 cSt	
Kinematic Viscosity at 100°C (212°F)	3.4 cSt	3.4 cSt	
ASTM Color	0.00	0.00	

Thermal Properties	Metric	English	Comments
Pour Point	-26.1 °C	-15.0 °F	
Flash Point	188 °C	370 °F	

Descriptive Properties	Value	Comments
Emulsion Characteristics (40-40-0)	10 minutes	
Saponification number	1.1	
Thermal Stability – Cincinnati Milacron (Sludge)	1.1 mg./100 ml.	

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