

ConocoPhillips Hydroclear® 220 TCS Slideway Lubricant

Category : Fluid , Lubricant

Material Notes:

Description: Conoco Hydroclear® TCS Slideway Lubricant is a premium demulsible machine tool way lubricant formulated from premium Conoco hydrocracked base stocks. Hydroclear TCS Slideway Lubricant is specially formulated with proprietary ashless additive chemistry containing demulsification agents, resulting in a clear, colorless* product appearance. The product is recommended for use on the plain bearing slideways of lathes, shapers, grinders and milling machines. Hydroclear TCS Slideway Lubricant is specifically designed for use in applications where effective separation from water and other metalworking fluids is required. Hydroclear TCS Slideway Lubricant provides exceptional control of lubricant runoff, excellent adhesion to horizontal and vertical way surfaces, good rust and corrosion protection and wear protection. Hydroclear TCS Slideway Lubricant prevents stick/slip problems during slow-speed operations. Hydroclear TCS Slideway Lubricant is available in ISO viscosity grades 32, 68 and 220. Hydroclear TCS Slideway Lubricant has been tested and formally approved by Cincinnati Milacron in accordance with its Lubricant Specifications. Information provided by ConocoPhillips.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ConocoPhillips-Hydroclear-220-TCS-Slideway-lubricant.php

Physical Properties	Metric	English	Comments
Density	0.884 g/cc	0.0319 lb/in ³	
Viscosity Measurement	105	105	Viscosity Index
Saybolt Viscosity at 100°F	1160 SUS	1160 SUS	
Saybolt Viscosity at 210°F	101 SUS	101 SUS	
Kinematic Viscosity at 40°C (104°F)	220 cSt	220 cSt	
Kinematic Viscosity at 100°C (212°F)	20 cSt	20 cSt	
ASTM Color	0.00	0.00	

Thermal Properties	Metric	English	Comments
Pour Point	-15.0 °C	5.00 °F	
Flash Point	271 °C	520 °F	

Descriptive Properties	Value	Comments
Emulsion Characteristics (40-40-0)	20 minutes	
Staybolt Color	20	
Stick/Slip Ratio	0.8	

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