

## ConocoPhillips Hydroclear® 3 Ultra-clean multi-purpose R&O Oil, AGMA Lubricant No. 3

Category : Fluid , Lubricant

### Material Notes:

Description: Conoco Hydroclear Ultra-Clean Multipurpose R&O Oil is a rust- and oxidation-inhibited industrial oil with ashless wear protection formulated from premium Conoco hydrocracked base stocks. Hydroclear Ultra-Clean Multipurpose R&O Oil is specially formulated with proprietary additive chemistry and is recommended for use in a variety of systems which require rust- and oxidation-inhibited oils. The added benefit of mild antiwear protection can significantly increase equipment life, particularly in these hardworking times. These applications include general oiling, air compressors, steam turbines, hydraulic systems, circulating oil systems, oil-filled couplings, centrifugal pumps and lightly loaded gearboxes. Hydroclear Ultra-Clean Multipurpose R&O Oil has been tested and formally approved by Cincinnati Milacron under specifications P-38 (ISO 32), P-55 (46) and P-54 (68). Hydroclear Ultra-Clean Multipurpose R&O Oil exceeds Vickers I-286-S requirements. Hydroclear Ultra-Clean Multipurpose R&O Oil 460 meets the requirements of the Morgoil Lubricant Specification for use in roll-neck bearings. Proven performance in turbines which require antiwear, such as ABB and Alstom (some). Excellent for mist lubrication systems. Information provided by ConocoPhillips.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ConocoPhillips-Hydroclear-3-Ultra-clean-multi-purpose-RO-Oil-AGMA-Lubricant-No-3.php](http://www.lookpolymers.com/polymer_ConocoPhillips-Hydroclear-3-Ultra-clean-multi-purpose-RO-Oil-AGMA-Lubricant-No-3.php)

Physical Properties	Metric	English	Comments
Density	0.871 g/cc	0.0315 lb/in <sup>3</sup>	
Viscosity Measurement	100	100	Viscosity Index
Saybolt Viscosity at 100°F	516 SUS	516 SUS	
Saybolt Viscosity at 210°F	65 SUS	65 SUS	
Kinematic Viscosity at 40°C (104°F)	99 cSt	99 cSt	
Kinematic Viscosity at 100°C (212°F)	11.2 cSt	11.2 cSt	
Oxidative Stability	4000 hour	4000 hour	
ASTM Color	0.50	0.50	

Mechanical Properties	Metric	English	Comments
Four Ball Wear	0.400 mm	0.0157 in	

Thermal Properties	Metric	English	Comments
Pour Point	-34.4 °C	-30.0 °F	
Rotating Bomb Oxidation Test (RBOT)	750 min	750 min	ASTM D 2272
Flash Point	254 °C	490 °F	

Thermal Properties	Metric	English	Comments
Electrical Properties	Metric	English	Comments
Dielectric Strength	30.0 kV/mm	762 kV/in	No thickness given.

Descriptive Properties	Value	Comments
ASTM Rust A&B	Pass	
Copper Corrosion	1A	
Emulsion Characteristics (40-40-0)	10 minutes	
FZG	Pass 9 Load Stages	ASTM D5182
ISO Cleanliness Code	14/11	Applies to packaged goods only.

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