

ConocoPhillips Hydroclear® 46 Multipurpose R&O Oil, AGMA Lubricant No. 1

Category : Fluid , Lubricant

Material Notes:

Description: Conoco Hydroclear Multipurpose R&O Oil is a rust- and oxidation inhibited industrial oil with ashless wear protection formulated from premium Conoco hydrocracked base stocks. Hydroclear 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 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 Multipurpose R&O Oil exceeds Vickers I-286-S requirements. Hydroclear 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-46-Multipurpose-RO-Oil-AGMA-Lubricant-No-1.php

| Physical Properties | Metric | English | Comments |
|--------------------------------------|------------|---------------------------|-----------------|
| Density | 0.865 g/cc | 0.0313 lb/in ³ | |
| Viscosity Measurement | 100 | 100 | Viscosity Index |
| Saybolt Viscosity at 100°F | 232 SUS | 232 SUS | |
| Saybolt Viscosity at 210°F | 49 SUS | 49 SUS | |
| Kinematic Viscosity at 40°C (104°F) | 45 cSt | 45 cSt | |
| Kinematic Viscosity at 100°C (212°F) | 6.7 cSt | 6.7 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 | 229 °C | 445 °F | |

| 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 |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China