

## ConocoPhillips Hydroclear® 46 Rock Oil

Category : Fluid , Lubricant

**Material Notes:**

Description: Conoco Hydroclear Rock Drill Oil is a high-quality, heavy-duty, extreme-pressure pneumatic tool lubricant formulated from premium Conoco hydrocracked base stocks. Hydroclear Rock Drill Oil is specially formulated with proprietary additive chemistry and is recommended for use in a variety of pneumatic tool applications which require extreme-pressure properties for protection of equipment under high-load conditions, tackiness for good adhesion to working surfaces, good atomization with low-fogging tendencies and excellent low temperature fluidity. Hydroclear Rock Drill Oil is specifically formulated for use in surface-mining equipment, high- and low-speed drills, jackhammers, paving breakers, vacuum pumps, track-type air drills and other similar applications. Hydroclear Rock Drill Oil can also be used effectively as a saw guide lubricant in lumber mill applications. Hydroclear Rock Drill Oil is available in seven viscosity grades, ISO 32-320, to meet the needs of most applications and operating conditions. Hydroclear Rock Drill Oil exceeds the lubricant specifications for Ingersoll-Rand and Gardner-Denver drilling equipment. Information provided by ConocoPhillips.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ConocoPhillips-Hydroclear-46-Rock-Oil.php](http://www.lookpolymers.com/polymer_ConocoPhillips-Hydroclear-46-Rock-Oil.php)

Physical Properties	Metric	English	Comments
Density	0.869 g/cc	0.0314 lb/in <sup>3</sup>	
Viscosity Measurement	115	115	Viscosity Index
Saybolt Viscosity at 100°F	236 SUS	236 SUS	
Saybolt Viscosity at 210°F	50 SUS	50 SUS	
Kinematic Viscosity at 40°C (104°F)	46 cSt	46 cSt	
Kinematic Viscosity at 100°C (212°F)	7.1 cSt	7.1 cSt	
ASTM Color	1.0	1.0	

Mechanical Properties	Metric	English	Comments
Falex Load Test	907000 g	2000 lb	
Timken Test	13600 g	30.0 lb	

Thermal Properties	Metric	English	Comments
Pour Point	-34.4 °C	-30.0 °F	
Flash Point	221 °C	430 °F	

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