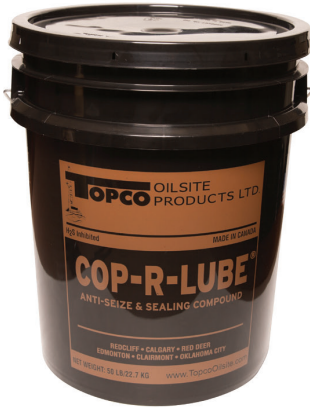


Cop-R-Lube®



Cop-R-Lube® is a versatile thread compound blended for use on rotary shouldered connections. It has extreme pressure additives as well as corrosion inhibitors to ensure that threads are protected during make-up and breakout and has resistance to rusting and galvanic pitting.

Cop-R-Lube® is also recommended for the break in of new tool joints and drill collars. During this initial cycle the fine metallic copper plates on the thread surfaces and acts as an anti-seize when the tubulars are being run in a drilling operation. This thread compound is available in both standard and high temperature formulas.

Cop-R-Lube® is the anti-seize suggested for use on any threaded metal parts or fittings prior to assembly or thread engagement. It protects against corrosion, eases disassembly, and minimizes equipment downtime during repair and maintenance.

▶ SERVICE RECOMMENDATIONS

Any rotary shouldered connections including tool joints and drill collars. It is also the product suggested for small service industries such as automotive and appliance repair business.

▶ PERFORMANCE CHARACTERISTICS

- A copper based product that contains amorphous graphite to prevent metal compaction
- Blended with anti-seize agents to prevent galling and thread damage during break-out
- Contains corrosion inhibitors that act as a barrier to galvanic pitting during storage
- Recommended for higher torque applications
- Available in a thermal based carrier for high temperature applications

▶ PRODUCT SPECIFICATIONS

Thickener	Calcium Complex
Fluid Type	Petroleum / Synthetic
Flash Point	> 180°C / 356°F
Service Rating	200°C / 392°F
NLGI Grade	1
Color	Copper
Friction Factor	1.10
Pen Range	300 – 360 (ASTM D217) seasonal adjustment
Brushability	-18°C / 0°F
Drop Point	> 204°C / 400°F

▶ PACKAGING

10 l steel / 2.5 gallon	Net 13.6 kg / 30 lb
20 l plastic / 5.0 gallon	Net 22.7 kg / 50 lb
225 ml Brush Top Can	Net 227 gm / ½ lb
500 ml Brush Top Can	Net 454 gm / 1 lb
1 l Can	Net 907 gm / 2 lb

Note: The torque correction factor is influenced by a variety of conditions such as pipe size, thread geometry, drilling mud contaminants, and drilling environment. In all applications experience and prior knowledge should be used to adjust make-up torques as the torque correction number provided is relative.

Warranty: This compound shall be free of defects at time of manufacture. Warranty shall be limited to the refund of the purchase price. All other liability is negated and disclaimed and Topco Oilsite Products shall not be liable for consequential or incidental damages.



www.topcooilsite.com

toll free: 1-800-222-6448



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PRODUCTS USA, INC.