



Chemola™ ThredOn® Absolute Copper

Premium Copper Drilling and Storage Compound

Chemola™ ThredOn® Absolute Copper is a specially formulated hybrid drilling and storage compound, developed for extreme drilling and challenging storage environments. Absolute Copper includes a high-performance corrosion inhibitor, providing excellent storage protection, while exhibiting superior running performance. Absolute Copper protects against corrosion, resists washout, and will not harden or bleed in storage.

Special Features and Benefits

- ▶ High Copper content
- ▶ Friction factor of 1.1 (per API RP7A1)
- ▶ High temperature service rating
- ▶ Applies easily and evenly
- ▶ Works on entire drill string
- ▶ Short- and long-term storage (up to 24 months)
- ▶ Adheres to OBM covered threads better than many competitive alternatives
- ▶ Versatile -- one product, two applications
- ▶ Lead and Zinc free

Recommended Uses

Absolute Copper is ideal in severe environments and resists corrosive gases such as hydrogen sulfide. It protects threads against galling and allows for ease of both makeup and breakout.

High copper, high temperature compound for entire drill string, with storage protection. Absolute Copper can be used for all drilling applications (rotary-shouldered connections), including high temperature environments. It is also effective for use on slides, jacking systems, cantilever type rigs and assemblies.

Typical Characteristics

Appearance	Copper, smooth
NLGI	1
Penetration (ASTM D217)	300-330
Worked Penetration, 60x (ASTM D217)	300-330
Base Grease	Lithium complex
Base Oil	Mineral oil
Base Oil Viscosity	140 cSt at 40°C
Base Oil Viscosity	10 cSt at 100°C
Base Oil Pour Point	-10°F (-23°C)
Additives	Copper, corrosion inhibitors
Specific Gravity	1.3
Density (lb/gal)	10.5
Dropping Point (ASTM D566)	500°F (260°C)
Flash Point	430°F (221°C)
Temperature Range	0°F to 500°F (-18°C to 260°C)
Four-Ball EP Weld Point (ASTM D2596)	620 kgf
Friction Factor (API 7A1)	1.1
Brushable To	0°F (-18°C)
Sulfur Content	<0.15%

***Contains no lead.**

***Available in Arctic Grade**

DO NOT USE ON OXYGEN SERVICE.

Special packaging sizing available upon request.

SOUTH COAST PRODUCTS

P.O. Box 450109 Houston, Texas 77245 www.socousa.com
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Packaging Information

Item Number	Unit Size
0380030BM	30 lb metal pail
0380045BM	45 lb metal pail

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