



Chemola™ ThredOn® Rotary Gold

Copper Tool Joint Compound

Chemola™ ThredOn® Rotary Gold is formulated with lithium complex grease to ensure long-term shear stability. Rotary Gold contains rust and oxidation inhibitors plus other lubricant stabilizers to resist reaction with H₂S and other down hole environments. Copper flakes and amorphous graphite are used as anti-galling additives and ensure a positive seal. This provides an incredibly stable, high temperature thread compound that can be used in most drilling situations.

Recommended Uses

Rotary Gold is recommended for drill collars and all rotary shoulder connections. Rotary Gold adheres to the performance requirements of API 5A3 for use as a thread sealant and lubricant on line pipe including tubing and casing.

Typical Characteristics

Appearance	Dark copper, smooth
NLGI	1
Penetration (ASTM D217)	310-340
Worked Penetration, 60x (ASTM D217)	310-340
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)
Solids Content	Copper, zinc, graphite
Specific Gravity	1.2
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)	400 kgf
Friction Factor (API 7A1)	1.0
Brushable To	0°F (-18°C)
Sulfur Content	<0.3%

***Contains no lead.**
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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Premium

Chemola™ ThredOn™ Rotary Gold

Copper Tool Joint Compound

Packaging Information

Item Number	Unit Size
0305010BP	10 lb pail
0305025BP	25 lb pail
0305045BP	45 lb pail
0305045BM	45 lb metal pail

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