

## Chemola™ ThredOn™ 305 Rotary Gold

Copper Tool Joint Compound

**Chemola™ ThredOn™ 305 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 H<sub>2</sub>S 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](http://www.socousa.com)  
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**Premium**

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## Copper Tool Joint Compound

### Packaging Information

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

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## Premium