



## 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 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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### 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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## Premium