



# Chemola™ ThredOn™ 304 Copperhead

## Premium Copper Compound

**Chemola™ ThredOn™ 304 Copperhead** is a premium drill collar and tool joint compound formulated to prevent downhole make-up even under high drilling torques. It contains copper flake and other time-proven solid lubricants and additives in a high quality grease base. It resists water washout and provides easier breakout without galling.

### Special Features and Benefits

- ▶ Premium environmentally friendly drill pipe and drill collar compound
- ▶ Contains special rust and corrosion inhibitors plus extreme pressure additives
- ▶ High temperature stability, solid lubricants continue to protect to 1500°F
- ▶ Doubles as a premium anti-seize compound and high temperature lubricant

### 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)
Solids Content	Copper, minerals
Specific Gravity	1.2
Density (lb/gal)	9.8
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](http://www.socousa.com)  
 Tel: (713) 225-0048 (800) 535-5823 [custserv@socousa.com](mailto:custserv@socousa.com)

## Premium

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Item Number	Unit Size	Quantity
0304010BP	10 lb pail	
0304006BT	1/2 pint can	12 per case
0304012BT	1 pint can	12 per case
0304025WMS	25 lb metal pail	
0304025BP	25 lb pail	
0304045BP	45 lb pail	
0304045WMS	45 lb metal pail	

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