



## Chemola™ ThredOn® Copper Choice Premium Copper Base Tool Joint Compound

**Chemola™ ThredOn® Copper Choice** high temperature, high performance, premium copper base tool joint compound is specially designed to work from the saver sub all the way to the bit. Copper Choice's high copper content and extreme EP characteristics fill all thread compounds needs without compromise. Although specifically engineered for use on tool joints and drill collars, it is also well suited as a lead free replacement to API Modified. Copper Choice provides consistent makeup and breakout characteristics and meets or exceeds API performance specifications and recommendations.

### Recommended Uses

Copper Choice is recommended for drill collars and all rotary shoulder connections. Copper Choice 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, grainy
NLGI	1.5 - 2
Penetration (ASTM D217)	275-310
Worked Penetration, 60x (ASTM D217)	275-310
Base Grease	Lithium Complex
Base Oil	Highly refined mineral oil
Base Oil Viscosity	140 cSt at 40°C
Base Oil Viscosity	11 cSt at 100°C
Base Oil Viscosity Index	40
Base Oil Pour Point	-10°F (-23°C)
Solids Content	Copper, minerals
Specific Gravity	1.2
Density (lb/gal)	10.3
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)
Friction Factor (API 7A1)	1.2
Brushable To	0°F (-18°C)
Sulfur Content	<0.15%

### Packaging Information

Item Number	Unit Size
S344025BM	25 lb metal pail
S344045BM	45 lb metal pail

**\*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)  
Tel: (713) 225-0048 (800) 535-5823 [custserv@socousa.com](mailto:custserv@socousa.com)

## Premium