



# Chemola™ ThredOn® Heavy DC

60% Lead Drill Collar Compound

**Chemola™ ThredOn® Heavy DC** is a heavy duty drill collar compound containing a minimum of 60% atomized lead powder. Heavy DC is resistant to vibration, contraction or expansion of tool joints and can be used as a lubricant and sealant for all threaded connections. Heavy DC prevents metal to metal contact, eliminates galling and seizure of threads. It provides a tight, leak-proof seal under high temperature and pressures and protects threads against corrosion. Heavy DC conforms to the requirements and standards of API Spec. 7, Appendix F, May, 1979.

### Recommended Uses

Heavy DC is specifically formulated for use on drill collar rotary shoulder connections and is also great for drill pipe.

### Typical Characteristics

Appearance	Black, 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	60% lead
Specific Gravity	2.6
Density (lb/gal)	21.7
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)	1.0
Brushable To	0°F (-18°C)
Sulfur Content	<0.3%

### Packaging Information

Item Number	Unit Size
0306050BM	50 lb metal pail

**Caution: Do Not Use on Potable Water Lines**

**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