

# 306 Heavy DC

## 60% Lead Rotary Shoulder Drill Collar Compound

ThredOn

### Description:

**306 Heavy DC** conforms to the requirements and standards of API Spec. 7, Appendix F, May, 1979.

**ThredOn 306 Heavy DC** is a heavy duty drill collar compound containing a minimum of 60% fine atomized lead powder. **Heavy DC** is not affected by vibration, contraction or expansion. It can be used as a sealant and lubricant on all threaded connections. It is also effective against oil, LPG, water, steam, ammonia, alkalis, acid, petroleum hydrocarbons and abrasive chemical agents.



**Service Recommendations:** A lubricant and sealant for all threaded connections. Specifically formulated for use on drill collar rotary shoulder connections. Also great for Drill Pipe. Can be used as a thread sealant on line pipe and casing. Also for gaskets and high temperature flange connections, including oil gas, steam, air, ammonia, alkalis, acid, chlorides, and other chemical products. **Heavy DC** prevents metal to metal contact, eliminates galling and seizure of threads. Provides a tight, leak-proof seal under high temperature and pressures. Protects threads against corrosion.

**WARNING: HEAVY DC SHOULD NOT BE DILUTED OR THINNED.**

### Typical Characteristics:

NLGI	1
ASTM penetration unworked @ 77°F (25°C)	310-340
Base grease	lithium -12-hydroxystearate
Base lubricating oil	
Viscosity, SUS @ 100°F (38°C)	900
Viscosity, SUS @ 210°F (99°C)	75.4
Flashpoint	450°F (232°C)
Pure atomized lead powder	60% minimum
Total solids	67%
Pour point	0°F (-18°C)
Color	black
Texture	buttery
Brushable to	0°F (-18°C)
Temperature range	0°F to 600°F (-18°C to +315°C)
Friction factor	1.00

### Packaging Information: 306 Heavy DC

Item No.	Unit Size	Quantity	Net Wt.	Ship Wt.
3062-21	2 gal.	1 each	25 lbs.	27 lbs.
3063-21	3.5 gal.	1 each	50 lbs.	53 lbs.

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



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