



127

PIPE STORAGE COMPOUND

For Oilfield Tubular Goods with Enhanced Corrosion Inhibitors

- GEAR OILS
- MOTOR OILS
- HYDRAULIC OILS
- PIPE COATINGS
- THREAD SEALANTS
- BEARING GREASES
- SPECIALTY GREASES
- THREAD COMPOUNDS
- SUCKER ROD COATINGS
- OUTSIDE PRESERVATIVES
- WIRELINE GREASE SEALS
- CLEANERS & DEGREASERS
- PIPE STORAGE COMPOUNDS
- RUST & CORROSION INHIBITORS
- THREAD LOCKING COMPOUNDS
- VALVE LUBRICANTS & SEALANTS
- TOOL JOINT & DRILL COLLAR COMPOUNDS

PRODUCT DESCRIPTION

127 Pipe Storage Compound is specially formulated to provide corrosion protection to pipe threads during periods of extended storage. Unlike API Modified Compounds which contain 65% solids and could promote corrosion on threads, 127 Pipe Storage Compound does not contain metals to create a corrosive atmosphere. It is designed to control formation of rust and pitting on thread surfaces, problems which may be attributed to moisture intrusion. It also contains inhibitors to minimize the corrosive effects of downhole treating chemicals, hydrogen sulfide, carbon dioxide, or other contaminants. This orange colored compound forms a protective film on metal surfaces, which inhibits oxidation and retards rust formation. The water resistant properties of 127 Pipe Storage Compound help prevent water and moisture intrusion, greatly reducing the risk of rust formation under the thread protector.

BENEFITS

- Provides corrosion protection
- Environmentally safe
- Water resistant
- Non-toxic
- Displaces moisture
- Metal deactivator
- Adhesive

APPLICATION

127 Pipe Storage Compound is designed for use on tubular connections in mills and storage pipeyards. Water on connection surfaces must be removed using 130 Water Displacer and Corrosion Inhibitor, or equivalent moisture displacer, before 127 Pipe Storage Compound is applied.

Other uses include 127 Pipe Storage Compound as a lubricant for general use where a water resistant, corrosion inhibited grease is recommended. 127 Pipe Storage Compound is not designed to seal and should never be used to run pipe downhole or for any other application where sealing is desired.

TYPICAL OBSERVATIONS

Color	Orange
Appearance	Smooth Paste
Base Thickener	Lithium
Consistency	Smooth
Penetration, worked @ 77°F (25°C)	290–320
Classification	Corrosion Inhibitor
Specific Gravity, @ 60°F (15°C)	0.839-0.899
Density, lb/gal	7.0-7.5
Dropping Point, ASTM D-566	365°F (185°C)
Flash Point, ASTM D-92	445°F (229°C)
Corrosion Test,	
ASTM D-130 Copper Corrosion	
3 hours @ 212°F (100°C)	1a
ASTM B-117, 5% Salt Spray	
Rating @ 2,000 hours	Pass
Temperature Range	10°F to 400°F (-12°C to 204°C)
Heat Storage Stability, @ 120°F (48°C)	
after 1000 hours	No change in color
Friction Factor, API RP 5A3 Annex I	1.3
Shelf Life (unopened container)	Two years

The Friction Factor is determined using standardized equipment and tests performed in accordance with API RP 5A3/ISO 13678 under laboratory conditions. In actual field use pipe size, metallurgy, thread geometry, and drilling mud contamination can effect the makeup torque. Adjustments may be required based on experience and knowledge.

RELATED PRODUCTS

- 125 Kurex Self Healing Pipe Storage Compound for oilfield tubular goods
- 128 Environmentally Friendly Pipe Storage Compound for oilfield tubular goods
- 130 Water Displacer and Corrosion Inhibitor
- AS1422 Dope Brush

