



339

SEAL SUPREME

Premium Thread Compound for Self-Sealing Connections

PRODUCT DESCRIPTION

339 Seal Supreme is a premium thread compound manufactured for application to self-sealing connections. This nonmetallic thread compound is manufactured using a proprietary blend of non-metallic additives with a high temperature lithium complex grease and Liquilon® to provide a product that protects against galling and seizing and is inert to chemical attack. 339 Seal Supreme is an environmental alternative to API compounds, or other commonly used compounds that contain metals such as zinc or copper. A state of the art corrosion inhibitor package allows 339 Seal Supreme to provide protection against many downhole chemicals or harsh contaminants. 339 Seal Supreme protects against thread damage while effectively sealing at temperatures of 400°F (>204°C).

BENEFITS

- Premium thread compound
- Contains no metals
- Meets or exceeds API specifications
- Protects against galling and seizing
- Corrosion inhibitor package
- Protects against downhole chemicals and harsh contaminants.
- Services high temperatures

APPLICATION

Apply 339 Seal Supreme using a *Liquid-O-Ring* #2 Dope Brush or other equipment specifically designed for use with thread compounds (avoid using a paint brush). Use the dope brush bristles to force the compound into the roots of the threads. Take care to cover the entire threaded area. A VISUAL INSPECTION IS ADVISED. For optimum protection apply 339 Seal Supreme to thread protectors as well.

TYPICAL OBSERVATIONS

Color	Black
Specific Gravity @ 77°F (25°C)	1.08
Density, lb/gal @ 77°F (25°C)	9.0
Flash Point, ASTM D-92	>385°F (>196°C)
Dropping Point, ASTM D-2265	>500°F (>260°C)
Penetration, ASTM D-217	
worked @ @ 77°F (25°C)	315–325
Brushable To	10°F (-12°C)
Corrosion Preventive Properties,	
ASTM D-1743 @ 125°F (51°C)	Pass
Water Washout Characteristics,	
ASTM D-1264 @ 100°F (37°C)	2.10%
Evaporation Loss,	
ASTM D-972 @ 210°F (98°C)	1.10%
Oil Separation,	
ASTM D-1742 @ 77°F (25°C)	>0.20%
Oxidation Stability, ASTM-642	
ASTM D-972 @ 210°F (98°C),	
72 hrs PSI Loss	2.0
Brushability Passes At	-18°C (-04°F)
Temperature Range	20°F→400°F (-6°C→204°C)
Shelf Life (unopened container)	Two years
Friction Factor, API RP 5A3 Annex I	0.7

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

338 OCR Modified Metal-Free Thread Compound

- 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

