



# TF-15®

## METAL-FREE THREAD SEALING COMPOUND

### DESCRIPTION

**TF-15®** Thread Sealing Compound is a high-pressure sealant containing PTFE, graphite and rust, corrosion, and oxidation inhibitors. All are blended in **JET-LUBE's** complex grease manufactured using highly refined, low-sulfur oil to ensure brushability over a wide temperature range, tenacious adherence to all surfaces, resistance to water washout, and prevention of rust/corrosion. **TF-15** is highly recommended for use on fiberglass casing and tubing on cut threads. Formed threads can have tighter clearances and require the use of TF-15 Arctic.

**TF-15** assures tight makeup at low torque and allows easy breakout without seizing, stripping, or galling. It provides a permanent seal and maintains joint efficiency under vibration, pressure, surge, and temperature fluctuations. It is particularly useful in areas subject to H<sub>2</sub>S\*, salt water, a wide variety of oils, solvents, gases (except oxygen), acids, alkalis and steam.

\* H<sub>2</sub>S Inhibited.

- Non Metallic, Non Volatile, Solvent Free
- Lubricates for tighter makeup with less torque
- Seals at temperatures to 600°F
- Seals at pressures to 10,000 psi
- Seals badly worn threads as tight as new
- Seals applications exposed to H<sub>2</sub>S and salt water
- 0.7 Friction Factor (relative to API-MODIFIED)
- Available in Arctic grade
- Service rating: -50°F (46°C) to 600°F (315°C)

This product is formulated to contain no detectable, leachable, volatile organics by EPA Test Method 1311-TCLP number SW846 8260B as determined by independent, 3<sup>rd</sup> party testing. Testing results are available upon request.

### APPLICATIONS

**TF-15** is expressly formulated for precision threads of API oilfield casing, tubing, line pipe, subsurface production tools, and related accessories. It prevents galling and thread wear, seals badly worn threads, and greatly increases connection life.

### PRODUCT CHARACTERISTICS

Thickener	Complex
Fluid Type	Petroleum
Dropping Point (ASTMD-2265)	450°F (232°C)
Specific Gravity	1.21
Density (lb/gal)	10.1
Oil Separation	<3.0
WT. % LOSS @212°F (100°C)	
Flash Point (ASTM D-92)	>430°F (221°C)
NLGI Grade	1½
Penetration@77°F (ASTMD-217)	275 - 305
Copper Strip Corrosion (ASTM D-4048)	1A
4-Ball (ASTM D-2596)	
Weld Point, kgf	620
Friction Factor (Relative to API-MODIFIED)	0.7
EPA 1311-TCLP	Non-detected

**For package types and part numbers contact [sales@jetlube.com](mailto:sales@jetlube.com)**

### LIMITED WARRANTY

For warranty information please visit [http://www.jetlube.com/pdf/Jet-Lube\\_Warranty.pdf](http://www.jetlube.com/pdf/Jet-Lube_Warranty.pdf)

You can also email us at [sales@jetlube.com](mailto:sales@jetlube.com) or write to the Sales Department at the address below.