

TF-15[®]



METAL FREE THREAD SEALING COMPOUND

DESCRIPTION

TF-15[®] Thread Sealing Compound is a high pressure sealant containing PTFE, graphite, **CZ-EX[®]** (**JET-LUBE's** extreme pressure additive), rust, corrosion, and oxidation inhibitors. All are blended in **JET-LUBE's** aluminum 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 by several manufacturers.

TF-15 assures tight makeup at low torque and allows easy breakout without seizing, stripping, 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 H₂S*, salt water, a wide variety of oils, solvents, gases (except oxygen), acids, alkalis and steam.

* H₂S additive available upon request.

- 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 H₂S and salt water
- 0.7 Friction Factor (relative to API-MODIFIED)
- Available in Arctic, H₂S and Thermal grades

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.

SERVICE RATING

Sealing Temperature to 600°F (315°C)
Pressures to 10,000 psi

PRODUCT CHARACTERISTICS

Thickener	Aluminum Complex
Fluid Type	Petroleum
Dropping Point (ASTM D-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 (ASTM D-217)	275 - 305
Copper Strip Corrosion (ASTM D-4048)	1A
Shell 4-Ball (ASTM D-2596)	
Weld Point, kgf	620
Friction Factor (Relative to API-MODIFIED)	0.7

PACKAGING

Part #	Container Size	Container
23023	1 gal / 4 L	Pail
23015	5 gal / 20 L	Pail

LIMITED WARRANTY

Jet-Lube, Inc. makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube, Inc. materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube, Inc.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube, Inc. shall not be liable for incidental or consequential damages.



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