



TF-15[®]

METAL FREE THREAD SEALING COMPOUND

DESCRIPTION

TF-15 Thread Sealing Compound is a high-pressure sealant containing PTFE, Molybdenum disulphide, Graphite, extreme pressure additive, rust, corrosion and oxidation inhibitors. All are blended in JET-LUBE's Aluminium complex grease manufactured using highly refined, low sulphur oil to ensure brushability over a wide temperature range to all surfaces, resistance to water washout and prevention of rust/corrosion. **TF-15** is highly recommended for use on fibreglass casing and tubing by several manufacturers.

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 H₂S, salt water, a wide variety of oils, solvents, gases (except oxygen), acids, alkalis and steam.

ADVANTAGES

- Non metallic, non volatile
- Lubricates for tighter makeup with less torque
- Seals at temperatures to 315°C (600°F)
- Seals at pressures to 10,000 psi
- Seals badly worn threads as tight as new
- Seals applications exposed to H₂S, salt and water
- 0.7 Friction Factor (relative to API-MODIFIED)
- Available in Arctic, H₂S and Thermal grades
- VOC content nil

APPLICATIONS

TF-15 is formulated for precision threads, including API 8-round and buttress types, on 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

SERVICE RANGES

Standard -18°C to 149°C (0 to 300°F)

Arctic -46°C to 107°C (-50 to 225°F)

Thermal -18°C to 315°C (0 to 599°F)

Thickener Al complex

Fluid Type Petroleum

Colour Black

Pressure to 10,000 psi

Dropping Point (ASTM D-2265) 232°C (450°F)

Specific Gravity 1.21

Oil Separation <3.0

Wr. % Loss @ 212°F (100°C)

Flash Point (ASTM D-92) >221°C (430°F)

NLGI Grade 2

Penetration @ 25°C (IP50/ASTM D-217) 285-315

Copper Strip Corrosion (ASTM D-4048) 1A

Shell 4-Ball (ASTM D-2596) 620

Friction Factor (Relative to API RP 5A3) 0.7

PACKAGING

Code No.	Size	Container
JA23002	12 x 250 g	Brush Top Can
JA23004	12 x 500 g	Brush Top Can
JA23007	6 x 1kg	Tub
JA23023	5 kg	Can
JA23093	20 kg	Pail
JA23029	229 kg	Barrel

LIMITED WARRANTY

Jet-Lube (UK) Limited makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube (UK) Limited 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 (UK) Limited.

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 (UK) Limited shall not be liable for incidental or consequential damages.

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