



Bringing Quality & Excellence

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TECHNICAL DATA SHEET

TF-15® Fiberglass Pipe Thread Sealant

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 maeup with less torque.
- Seals at temperatures to 315°C (600°F).
- Seals at pressure 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.

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 range:

Standard:	-18°C (0°F) to 149°C (300°F)
Arctic:	-46°C (-50°F) to 107°C (225°F)
Thermal:	-18°C (0°F) to 315°C (599°F)
Pressures:	to 10.000 psi

Thickener:	Aluminium Complex
Fluid Type:	Petroleum
Colour:	Black
Dropping Point (ASTM D-2265):	232°C (450°F)
Specific Gravity:	1,21
Oil Separation	
Wt. % Loss @ 212°F (100°C):	<3.0
Flash Point (ASTM D-92):	>221°C (430°F)
NLGI Grade:	2
Penetration @ 25°C (77°F) (IP50/ASTM D-217):	285-315
Copper Strip Corrosion (ASTM D-4048):	1A
Shell 4-Ball (ASTM D-2596):	
Weld Point, kgf:	620
Friction Factor(Relative to API RP 5A3):	0,7

PACKAGING

Code	Net contents	Container
74526895	250g	Brush Top Can
56997293	500g	Brush Top Can
36661848	1kg	Tub
25323207	5kg	Pail
18212044	12,5kg	Pail
20623623	20kg	Pail

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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