

TF-25™

HEAVY-DUTY THREAD SEALANT w/PTFE



DESCRIPTION

TF-25™ Heavy Duty Thread Sealant contains, in part, reprocessed PTFE and graphite in a high-melting, high temperature grease vehicle. It is further fortified with rust, corrosion, and oxidation inhibitors. Its lubricating and sealing properties will prevent thread leaks of fluids, gases, or steam.

Versatile and dependable, TF-25 can be used for a multitude of low friction, anti-seize applications requiring maximum performance. It is recommended for all critical tubular components from non-precision, loose, and worn threads to high precision threads - particularly those subjected to impact or rough handling upon makeup. It protects all threads from premature wear and prolongs the life of tapered-thread joints under all conditions.

TF-25 is water resistant, non-hardening, and has a wide variety of applications over extensive temperature and usage ranges. Its ingredients are inert, noncorrosive, and nonconductive. It is easy to use, brushes on readily, and adheres securely - even on wet or oily threads. TF-25 is completely stable and requires no thinner.

TF-25 has a plating effect on thread surfaces and creates a chemically impervious seal in the helical passage of threaded connections. It maintains makeup and positive seal under vibration and cyclic loadings, making it particularly effective for use as a sealant on hydraulic systems.

- Lead Free
- Permanent; Non-Hardening
- Contains no metallic additives
- Both lubricates and seals
- Will not run, drip or settle out
- Chemically inert
- May be used on both ferrous and nonferrous metals
- Brushable

APPLICATIONS

Recommended as a pipe joint lubricant and sealant on all types of threads; primarily on lines carrying water, steam, acids, oils, fuels, glycols, caustics, solvents, petroleum gases, other gases (except oxygen), alkalis, butane, propane, odorants, refrigerants, anhydrous ammonia, and corrosive products.

Use TF-25 wherever a lubricating shield will save parts, labor, and downtime. Use it on splines, lathe centers, keyways, sleeves, and press fittings. TF-25 allows limitless reuse of fittings.

TF-25 Heavy Duty Thread Sealant is the ideal sealant for use on pipe diameters larger than 3½".

PRODUCT CHARACTERISTICS

Thickener	Aluminum Complex
Fluid Type	Petroleum
Color/Appearance	Black, Grainy Paste
Dropping Point (ASTM D-566)	450°F (232°C)
Specific Gravity	1.21
Density (lb/gal)	10.10
Oil Separation	<3.0
Wt. % Loss @ 212°F (100°C)	
Flash Point (ASTM D-92)	>430°F (221°C)
Brushable To	0°F (-18°C)
Penetration @ 77°F (ASTM D-217)	285 - 315
Copper Strip Corrosion (ASTM D-4048)	1A
Shell 4-Ball (ASTM D-2596)	
Weld Point, kgf	620
Friction Factor	0.7
Service Rating:	
Temperatures to:	600°F (316°C)
Pressures to:	10,000 psi
Service Rating	-100°F (-73°C) to 600°F (316°C)

NOT FOR USE ON OXYGEN LINES.

PACKAGING

Code No.	Container Size	Container
23502	½ pt.	Brush Top Can
23504	1 lb.	Brush Top Can
23523	10 lb.	Pail
23515	50 lb.	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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