



Bringing Quality & Excellence

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TECHNICAL DATA SHEET

TF-25™ Line Pipe and NPT Thread Sealant and Anti-Seize

DESCRIPTION

TF-25 Heavy Duty Thread Sealant contains fine 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, adhere 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.

- Use TF-25 wherever a lubricating shield will save parts, labour and downtime. Use it on splines, lathe centres, keyways, sleeves, and press fittings.

- TF-25 allows the re-use of fittings. TF-25 Heavy Duty Thread Sealant is the ideal sealant for use on pipe diameters larger than 8,9cm. For potable water use V-2 Plus. Pressures to 10.000 psi

APPLICATIONS:

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

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
Dropping Point (ASTM D-2265):	232 °C (450°F)
Specific Gravity:	1,21
Oil Separation	
Wt. % Loss @ 100°C (212°F):	<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
27680414	500g	Brush Top Can
41192719	5kg	Pail
64767512	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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