

TF-500™

Lubricating Sealant



TECHNICAL DATA SHEET

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DESCRIPTION

JET-LUBE TF-500 PTFE Lubricating Sealant is a versatile, multi-service compound containing a high percentage of powdered TFE fluorocarbon resin. It is available in four grades, each engineered for specific end-uses. Virtually every type gland and thread can be lubricated, packed or sealed where PTFE is indicated to improve performance results. It permits greater tightening pressure on threaded joints and glands, minimizes friction, creates an impervious seal maintaining full hydraulic joint efficiency. TF-500 can eliminate conventional packing elements entirely or it may be used in conjunction with elements to prolong their life and efficiency.

TF-500 greatly lowers friction, prevents stick-slip and metal seizure on any sliding, rotating, oscillating and mating components. (Not recommended for ball or roller bearings.) Fully pumpable, **TF-500** can be applied at any time, even when equipment is in operation, affording valuable saving in production through less downtime.

CHARACTERISTICS

- Lubricates and Seals
- High Percentage of PTFE Particles
- Readily Pumpable
- Can be applied while equipment is operating

TF-500 Is available in the following 4 GRADES

"C" SERIES Organic Grease Base, Non-Melting, Hydrocarbon Insoluble
Grade "CF" - Fine PTFE Particles Grade "CC" - Coarse PTFE Particles
"P" SERIES Synthetic Grease Base, Non-Melting, Non-Coking
Grade "PF" - Fine PTFE Particles (*Stocked Item*) Grade "PC" - Coarse PTFE Particles

OPERATING RANGE

Temperatures to 260°C(500°F)
Surface Pressures to 178,000 kPa (20,000 psi)
Annulus Pressures to 69,000 kPa (10,000 psi)

APPLICATIONS

For use in packing glands, swivel joints, piston rod and polished rod stuffing boxes, plug valves, stop cocks, valve stems; as a secondary seal in ball valves. Used as a rod and plunger packing in small reciprocating and centrifugal pumps. In large pumps, using a lantern ring, it may be pumped into packing area itself.

TF-500 stops leaks on loose and close tolerance fittings and closures. It may also be used to seal badly worn or 'sloppy' threaded connections on tubular threads of all types and sizes whether of metal, epoxy/fiberglass, plastic or other materials. TF-500 prevents seizure, minimizes friction and creates a chemically impervious seal without diffusion decay.

Use on lines carrying petroleum, natural and LP gas, gasoline, stem, solvents, acids, alkalis, odorants, butane, etc.

PACKAGING

Inventory Code	Container Size	Container
14350	400 g	Cartridge
14304	1 Liter	Jar
14305	5 Liter	Pail



LIMITED WARRANTY

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

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 of Canada Ltd. shall not be liable for incidental or consequential damages.