

# JET-LOK<sup>®</sup> TL-71

## PERMANENT STUDLOCK

High-Strength, Chemically Resistant Thread Locker

### DESCRIPTION

**TL-71** Permanent Threadlocker/Sealant is a permanent, red-colored, general-purpose adhesive for permanent threaded assemblies. **TL-71** locks bolts and studs up to 1" in diameter, sealing against leakage and corrosion. It is chemically resistant to fuels, lubricants, and most industrial liquids and gases.

### APPLICATIONS

**TL-71** eliminates double nutting and/or welding of critical assemblies. Using **TL-71** permits reduced casting thickness, and eliminates cracked castings due to interference fit stresses. The product's usage is for fine to medium threads that will not require periodic disassembly. Ideal product for use on transmission studs, valve seats, air conditioning studs, refrigeration and process equipment.

### GUIDELINES

Using **TL-71** is easy; it is color coded red to assist in selection. Because of its chemical resistance, it is ideal in applications such as a sealant for refrigeration plants, air conditioning, process plants and equipment using corrosive chemicals. For optimum performance, mating surfaces should be cleaned. The application of heat may be required to assist in removal of parts.

### PROPERTIES

Fast acting securing compound, give retention strength and vibration proofing, in the range of 3000 psi.

### TECHNICAL FEATURES

Resin Type	Methacrylate
Color	Red
Cure Speed with Activator	<5 minutes
Cure Speed w/o Activator	20 minutes.
Viscosity (Thixotropic)	450 - 550cps
Gap Fill	.007"
Flash Point	>212°F (100°C)
Shelf Life	12 months
Specific Gravity	1.1
Operating Temperature	-65°F (-54°C) to 300°F (148°C)
Conforms to	MIL-S-46163A Type I, Grade K

### CURED PERFORMANCE

Full Cure Time	24 hours
Typical Breakaway Strength	200 - 300 in-lb
Typical Prevailing Strength	250 - 350 in-lb

### HEALTH & SAFETY IN USE

**IRRITANT:** Contains Methacrylate Esters which may irritate the eyes, respiratory organs and skin. In case of contact with the skin, wash immediately with plenty of soap and water.

### PACKAGING

Code No.	Container Size
55265	10 ml
55266	50 ml
55267	250 ml

### 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.

## CORPORATE LOCATIONS

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