

JET-LOK® II

EPOXY-BASED THREADLOCK KIT



OILFIELD

DESCRIPTION

JET-LOK® II is a two-part epoxy with metallic fillers that can be used to permanently lock threaded connections under normal operating conditions. The eight-ounce kit uses both a new catalyst for added pot life and durability with lower toxicity and the rapid-curing conventional catalyst; making it the optimum choice for any application. It is designed for use on all threaded joints or fasteners where an exceptionally strong and durable bond is required. It is especially useful on drilling tools, casing, and other tubulars where the effective prevention of joint loosening is required.

USE

The catalyst is emptied into the can containing the base epoxy resin, where the two are thoroughly mixed. The applicator is used to completely cover the male threads with the mixture and the joint is then coupled. The 16-ounce kit uses an amine-type hardener where the pot life of the mixture under average conditions is 50 minutes, during which time it remains in a workable consistency. The eight-ounce kit also uses a new technology hardener to provide greater chemical resistance and gives a pot life of 120 - 150 minutes. Complete cure for both occurs in 24 hours. The cure time can be reduced by elevating the temperature up to 250°F (121°C).

APPLICATIONS

JET-LUBE® JET-LOK II is recommended for use on casing, shoes, couplings, and collars; eliminating the need for gas/arc welding. Threadlock Kit offers a distinct advantage over welding in that threaded connections may be broken out by heating to 550°F (288°C). This product is also excellent for any application requiring a strong, permanent bond that has high vibration resistance.

ADVANTAGES

- Complete kit
- Noncorrosive
- Economical
- Adheres to any clean surface
- Ease of application
- Prevents back-off
- Resistant to acids, solvents, & water
- Good for service up to 400°F (204°C)

PRODUCT CHARACTERISTICS

Color	Grey
Density (lb/gal)	15.58
Specific Gravity	1.87
Flash Point	430°F (221°C)
Pot Life	75 minutes (avg.)
Maximum Exotherm	134°F (50°C)
Temperature Stability	400°F (204°C)
Friction Factor	
Rotary Shouldered Connections	0.9 - 1.0
*Noninterference (T&C)	1.3 - 2.0

*Friction factors and coefficients of friction can be affected by many factors such as total surface movement under load, contact pressure, thread design parameters, temperature and hydraulic cell development due to trapping of product in the threads.

Casing O.D. (inches)	Approx. # of Joints per Kit (16 oz.)
4½	10
5½	6
6½ - 7	4
7-5/8 - 9-5/8	3
10¾ - 13-5/7	2

CAUTION

Prolonged, overexposure could result in skin and eye irritation or sensitization. Mix in well ventilated area. Use rubber or plastic gloves and goggles when mixing for application. Practice reasonable care and cleanliness when using this product. For persons with hypersensitive skin, wash hands and face thoroughly with soap and water after completion of job. If material enters eyes, flush with water immediately and seek medical care.

PACKAGING

Code No.	Kit Size	Container
60867	8 oz.	Can
60868	16 oz.	Can

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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