

JET-LOK® II

Two Part Epoxy Threadlock Compound



TECHNICAL DATA SHEET

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DESCRIPTION

JET-LUBE 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 rapidcuring 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 121°C (250°F).

APPLICATIONS

JET-LUBE® JET-LOK® II is recommended for use on mud motors, casing, shoes, couplings and collars - eliminating the need for gas/arc welding, and threaded fasteners. **Jet-Lok II** is ideal for directional drilling motors in SAGD and SSAGD environments. **Jet-Lok II** offers a distinct advantage over welding in that threaded connections may be broken out by heating to 288°C (550°F). 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 solvents, & water surface
- Good for service up to 204°C 400°F)
- Ease of application
- Prevents back-off
- Resistant to acids,



OPERATING RANGE

To 204°C (To 400°F)

PRODUCT CHARACTERISTICS

Color	Grey
Density (lb/gal)	15.58
Specific Gravity	1.87
Flash Point	221°C (430°F)
Pot Life	75 minutes (avg.)
Maximum Exotherm	50°C (134°F)
Temperature Stability	204°C (400°F)
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.

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

Inventory Code	Container Size	Container
60867	8 oz.	Can
60868	16 oz.	Can

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.