

# JET-LUBE<sup>®</sup> NUCLEAR NONMETALLIC

## ANTI-SEIZE THREAD LUBRICANT



### DESCRIPTION

**JET-LUBE<sup>®</sup> Nuclear Nonmetallic** Anti-Seize Thread Lubricant is a premium quality product manufactured to exact standards in a certified ISO-9001 manufacturing and test facility. It contains chemically pure graphite and other solid boundary lubricants in a synthetic base grease. The graphite, mineral silicates and synthetic base grease were carefully selected to ensure that critical contaminants such as sulfur, metals, halogens and leachable nitrates and nitrides would be held to the lowest practical limits.

**JET-LUBE Nuclear Nonmetallic** provides a matrix of solid lubricants that allows for more uniform coverage. The film strength of the synthetic base grease provides a shield against metal-to-metal contact preventing galling, seizure and heat freeze. This combination of solid lubricants was developed to protect steel, stainless steel and other proprietary alloys. The solid anti-seize lubricants are resistant to temperatures of up to 2400°F (1315°C).

**JET-LUBE Nuclear Nonmetallic** Anti-seize Lubricant and gasket compound does not contain ingredients that can poison reactor catalyst beds. It is formulated for use in Class 1, 2 and 3 nonwetted applications found in nuclear power plants and is suited for use in fossil fuel plants (certified test reports available for each individual container).

- Metal free, levels less than 50 ppm
- Prevents seizure up to 2400°F (1315°C)
- Exceeds all purity level standards for nuclear products
- Traceability with 100% testing prior to packaging
- Lowers breakout torque
- Conforms to MIL-PRF-907E
- Not for use in oxygen service
- Water resistant

### APPLICATIONS

Can be used extensively in nuclear and fossil fuel burning power-generating facilities on land and sea where certified products are required. Excellent for use on bolts, fittings, other threaded connections, slides, valve stems, gaskets and other similar applications. It can also be used in other industries such as pulp and paper, steel mills, etc. where high purity, nonmetallic anti-seize lubricants are required.

### PRODUCT CHARACTERISTICS

Thickener	Complex Soap
Fluid Type	Synthetic
Color/Appearance	Smooth Black Paste
Dropping Point (ASTM D-2265)	≥500°F (260°C)
Cone Penetration (ASTM D-217)	300 - 325
Specific Gravity	1.13 Typical
Density (lb/gal)	9.4 Typical
Copper Strip Corrosion (ASTM D-4048)	1B Max
Shell 4-Ball (ASTM D-2596)	400 Typical
Weld Point, kgf	
K-Factor	
High Chrome Alloys @ 60,000 PSI Contact Stress	
Service Rating:	-65°F (-54°C) to 2400°F (1315°C)

### PACKAGING

Code No.	Container Size	Container
14902	½ lb.	Can
14904	1 lb.	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.

**AUTHORISED DISTRIBUTOR**  
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