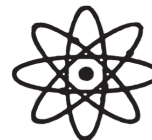


# NIKAL<sup>®</sup> NUCLEAR

## HIGH TEMPERATURE ANTI-SEIZE AND GASKET COMPOUND



### DESCRIPTION

NIKAL<sup>®</sup> NUCLEAR Anti-Seize and Gasket Compound is a premium lubricant that contains chemically-pure nickel flake in an ashless synthetic fluid thickened by a water-resistant, complex soap that offers superior protection against rust and corrosion. **NIKAL NUCLEAR** contains a high-carbon synthetic graphite, which has the additional benefit at elevated temperatures of providing lower torques upon disassembly. The carefully selected solids package in **NIKAL NUCLEAR** produces a matrix of particles that settle in successive layers. This allows the solids to serve as a lubricant, cushion, and seal. This layering does not allow welding under pressure that leads to seizure and galling.

**NIKAL NUCLEAR** contains no copper, lead, sulfur, halogens, or other ingredients that may poison reactor catalyst beds. It is formulated for use in Class 1, 2, and 3 nonwetted applications for auxiliary equipment in nuclear power plants.

**NIKAL NUCLEAR** is manufactured to exact standards in a certified ISO-9001 manufacturing and test facility. Each container is accompanied by a "Certificate of Conformance" that details purity level standard met per batch. **NIKAL NUCLEAR** has been approved by General Electric and Westinghouse for use with their turbine systems in nuclear applications, and conforms to the requirements of NAVSEAINST 9210.36B.

- Contains no lead, copper, or molybdenum disulfide
- Prevents seizure up to 2600°F (1427°C)
- Protects against rust and corrosion
- Chemical and oxidation resistant
- Exceeds all purity level standards for nuclear grade products - **CERTIFIED**
- Traceability with 100% testing prior to packaging
- Conforms to MIL-PRF-907E
- **Not for use on oxygen lines**

### APPLICATIONS

Used extensively in nuclear power generator facilities on land and sea where only **CERTIFIED** products are allowed.

### PRODUCT CHARACTERISTICS

Thickener	Complex Soap
Fluid Type	Synthetic
Color/Appearance	Silver/Grey Paste
Specific Gravity	1.16
Density (lb/gal)	9.65
Flash Point (ASTM D-92)	>430°F (221°C)
K-Factor	
High Chrome Alloys @ 60,000 PSI Contact Stress	
Penetration @77°F (ASTM D-217)	300 - 330
Copper Strip Corrosion (ASTM D-4048)	1A
4-Ball (ASTM D-2596)	
Weld Point, kgf	400
Service Rating	-65°F (-54°C) to 2600°F (1427°C)

### PACKAGING

Code No.	Container Size	Container
13555	¼ lb.	Brush Top Can
13502	½ lb.	Brush Top Can
13504	1 lb.	Brush Top 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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