

METATRON™ 99N

HIGH TEMPERATURE ANTI-SEIZE AND GASKET COMPOUND

DESCRIPTION

Metatron™ 99 Anti-Seize and Gasket Compound is a premium lubricant that contains chemically pure nickel flake in an ashless synthetic fluid thickened by a waterresistant, complex soap that offers superior protection against rust and corrosion. **Metatron™ 99** 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 **Metatron™ 99** 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. **Metatron™ 99** 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.

Metatron™ 99 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. **Metatron™ 99** 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

PROPERTIES

- Contains no lead or copper
- 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)
Coefficient of Friction	0.15
Stainless Steel	
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)

LIMITED WARRANTY

Metatron Mfg, makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Metatron Mfg, 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 Metatron Mfg.

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 Metatron Mfg, shall not be liable for incidental or consequential damages.