



NICKEL-BASED EXTREME SERVICE ANTI-SEIZE LUBRICANT

PART NO. NSNI

DESCRIPTION

NSNI is used wherever extreme service conditions exist. It is a premium quality anti-seize compound and lubricant designed especially for maximum resistance to the most corrosive and extreme temperature environments. NSNI is composed of pure colloidal nickel and high-purity graphite flakes dispensed in a superior, high-performance petroleum carrier enhanced with the latest rust, corrosion and extreme pressure additives. It does not contain any copper, lead, or molybdenum disulfide. Performs up to temperatures of 2600°F (1426°C). Meets the performance requirements of MIL-PRF-907F.

GENERAL PROPERTIES

Technology / Base	Anti-Seize Lubricant
Components	One Component
Curing	Non-Curing/Hardening
Appearance/Color	Nickel
Consistency	Liquid

FEATURES & BENEFITS

- Offers maximum protection from acids, caustics, corrosive chemicals and extreme heat
- Eliminates galling and cold welding
- Reduces friction and lowers torque
- Provides a nickel plating as a barrier between metal surfaces
- Protects against corrosion and oxidation
- Speeds assembly and disassembly

INSTRUCTIONS

Clean surfaces before applying. Do not dilute compound. Apply to parts with brush and assemble. Straighten brush to remove last bit of compound. Keep container sealed when not using. Not for use on oxygen systems.

STORAGE

Stated shelf life can be achieved when product is stored in a tightly sealed container in a cool dry place. If slight separation occurs, stir product.

SPECIFICATIONS & APPROVALS

MIL-PRF-907F

HANDLING & CLEANUP

See SDS for handling and clean-up information.

SAFETY & DISPOSAL

See SDS for safety and disposal information.

DISCLAIMER

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PHYSICAL PROPERTIES (UNCURED)

Specific Gravity	1.2
Penetration	335
Penetration Method	ISO 2137, 1/10mm
Oil Separation	1%
Oil Separation Conditions	30 hr at 158°F
Flash Point	450°F
Flash Point Method	ASTM D92-85 (IP 36/65)
Friction Coefficient	0.096
Torque Coefficient, K Value	0.15 ± 0.02
Torque Coefficient Note	Test individual fasteners to determine exact K values and specific application performance.
Salt Fog Corrosion	168 hours
Salt Fog Corrosion Method	ASTM B117
Solid Lubricants	38%
Service Temperature	-287°F to 2600°F (-177°C to 1427°C)
Service Environment	Not suitable for use with oxygen or concentrated chlorine.
Shelf Life	5 years

TDS - Anti-Seize Lubricant - NSNI - Updated 11-10-2021



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