



PREMIUM COPPER-BASED ANTI-SEIZE LUBRICANT

PART NO. **NSCU**

DESCRIPTION

NSCU is our premium anti-seize compound, composed of pure copper and large flake graphite in a high-heat-resistant carrier, fortified with the latest in rust and corrosion inhibitors and antioxidants. It is designed to lubricate and protect threaded connections and flanges at temperatures up to 1800°F (982°C) and under extreme load pressure conditions. Meets the performance requirements of MIL-PRF-907F.

GENERAL PROPERTIES

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



FEATURES & BENEFITS

- Protects parts from seizing, galling, rust and corrosion
- Resistant to high temperature applications
- Aids in assembly and disassembly of parts
- Highly resistant to salt water and galvanic corrosion
- Compatible with all types of metals and most plastics

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 cleanup information.

SAFETY & DISPOSAL

See SDS for safety and disposal information.

PHYSICAL PROPERTIES (UNCURED)

Specific Gravity	1.2
Penetration	300
Penetration Method	ISO 2137, 1/10mm
Oil Separation	1%
Oil Separation Conditions	30 hr at 158°F
Flash Point	>350°F
Flash Point Method	ASTM D92-85 (IP 36/65)
Friction Coefficient	0.1
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	39%
Service Temperature	-287°F to 1800°F (-177°C to 980°C)
Shelf Life	5 years

DISCLAIMER

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



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