



FASTENER SOLUTIONS, INC.

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Silver Grade Anti-Seize

Aluminum, Copper and Graphite Based Anti-Seize Compound

Silver Grade Anti-Seize is a premium anti-seize compound and high-pressure lubricant which has great versatility.

Silver Grade Anti-Seize is designed to fill the needs of a general purpose anti-seize compound which services a wide variety of applications. The high-quality aluminum, copper, and graphite based anti-seize formula has unique particle shapes suspended in a special carrier enhanced with the latest rust and corrosion inhibitors as well as extreme pressure additives. It will protect metal parts under extreme heat, pressure and contaminating conditions to 2000 °F. **Silver Grade Anti-Seize** meets the performance requirements of MIL-PRF-907F.

Features & Benefits:

- Protects against rust and corrosion
- Versatile, works on small and large assemblies
- Reduces Friction
- Speeds assembly and disassembly
- Resists seizing, galling, and cold welding
- Retards galvanic action between dissimilar metals
- Resists salt water corrosion
- Compatible with all types of metals and most plastics
- Non-hardening and non-dripping

APPLICATIONS:

- All nuts and bolts, bushings, centers, cam rollers, conveyors, couplings, dies, drills and taps, fittings, flanges, gears and motors, keyways, press fits, pumps, shafts, sleeves and slides, spark plugs, vales, wristpins and more. They are used in steel mills, foundries, oil refineries, chemical plants, construction and farm equipment, autos, trucks (fleet maintenance), electric power and other utilities, oil drilling, mining, diesel and gasoline engines, marine motors, shipyards, paper mills, and machine shops.

Service Recommendations:

- -300⁰F to 2000⁰F

Shelf Life:

- Silver Grade Anti-Seize has a shelf life of 5 years or more when stored in a closed container. Shelf life may be much longer depending upon storage location and conditions. Store with container tightly sealed in a

cool dry place for optimum shelf life. If slight separation occurs, stir product.

Typical Properties:

Property	Value
Specific Gravity	1.20
Weight per gallon	10.0 LB
Penetration, D217-60T, 100-3000 Strokes	320 - 350
Oil Separation, 30 hr. at 158°F	1%
Flash point, ASTM D-92-85 (IP 36/65)	>350°F
Color	Aluminum
Friction Coefficient	0.10
Torque Coefficient "nut factor"	K Values 0.15 ± 0.02. Testing is required to determine the exact K values & specific performance on any individual fastener using the desired anti-seize compound.
Homogeneity	Will not settle, harden or separate under normal conditions.
Solid Lubricants Copper Aluminum Graphite	42%
Carrier plus Additive	58%
RoHS	Compliant

Cautions:

- Read all information on labels and Material Safety Data Sheets prior to use. All products should be tested & evaluated for a particular purpose prior to use

Clean up:

- **Skin Contact:** Under normal usage – removal from skin with soap and water.
- **Equipment:** Mineral Spirit type solvents work best.

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