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Copper Grade Anti-Seize

Copper and Graphite Based Anti-Seize Compound

Copper Grade Anti-Seize is a 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 to 1800 °F and under extreme load pressure conditions.

Copper Grade Anti-Seize features larger particle size fillers which makes it ideal for using on larger nuts and bolts found in construction machinery, mining machines, refineries as well as other applications.

Copper Grade Anti-Seize has water-resistant and anti-oxidant properties that resist seizing and galling while protecting against rust and corrosion.

Copper Grade Anti-Seize does not separate. It is non-dripping, non-hardening, permits easy disassembly and removal of connection even after lengthy service or severe conditions. Stress, strain, and time to disassemble are greatly diminished. Meets the performance requirements of MIL-PRF-907F.

Features & Benefits:

- Protects parts from seizing and rusting together
- Greatly reduces maintenance headaches caused by parts rusting together
- Aids in assembly and disassembly of parts
- Highly resistant to salt water corrosion
- Compatible with all types of metals/most plastics

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, valves, wristpins

Service Recommendations:

- -300°F to 1800°F

Shelf Life:

- Copper 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	1.2
Weight per gallon	10.0 LB
Penetration, D217-60T, 100-3000 Strokes	280-310
Oil Separation, 30 hr. at 158°F	1%
Flash point, ASTM D-92-85 (IP 36/65)	450°F
Color	Copper
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.
Carrier plus Additive	61%
Solid Lubricants Copper Graphite	39%
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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