

ANTI-SEIZE SPECIAL™

Aluminum, Copper and Graphite Based Anti-Seize Compound

Product Description

Anti-Seize Special™ is a superior grade assembly compound and high-pressure lubricant. This high quality aluminum, copper, and graphite based anti-seize formula has unique particle shapes suspended in a special carrier. It will protect metal parts under extreme heat, pressure, and contaminating conditions to 2000°F (1095°C).

Anti-Seize Special™ is designed with ultra-fine metallic and graphite particles enhancing a longer lasting protective film, resisting washout, burn-off, and corrosion. Exceeds MIL-PRF-907E specifications.

Features & Benefits

- Protects against rust and corrosion
- 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 include

All Nuts and Bolts, Bushings, Centers, Cam Rollers, Conveyors, Couplings, Dies, Drills, Fittings, Flanges, Gears, Keyways, Motors, Press Fits, Pumps, Shafts, Sleeves, Slides, Spark Plugs, Taps, Valves, 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.

Composition, Typical

Solid Lubricants Copper Aluminum Graphite	42%
Carrier plus Additive	58%

In general these compounds are composed of fine powders, dispersed in high quality, non-melting carrier that has been fortified with Anti-Oxidants, Corrosion Inhibitors.

Service Recommendations

-300° to 2000°F (-184° to 982°C)

Not suitable for use with oxygen or chlorine

Clean up

Skin Contact: Under normal usage - removal from skin with soap and water.

Equipment: Mineral Spirit type solvents work best.

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)	450°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.

Shelf Life

Anti-Seize Compounds have no change in consistency or appearance more than one year in a closed container. Guaranteed replacement one year from date of purchase. Shelf life may be longer depending upon storage location and conditions. Store with container covered in a cool dry place for optimum shelf life.

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. See Warranty Statement in our Catalog or on our Website.

Product Limited Warranty

This information is based on information we believe to be reliable and accurate, but no guarantee of its accuracy is made for a particular application. We urge and recommend that Users pretest their application prior to incorporating the product into use and assume that the User will conduct such testing. Also see warranty statement on website.

Available In:

2oz bt	3oz tube	5oz bt	8oz bt	12.5oz aer	15oz cart
18002	18003	18005	18010	18014	18015

1# can	1# bt	2 1/2# can	8# can	42# pail	130# keg	425# drum
18016	18018	18025	18030	18050	18130	18425

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