



www.antiseize.com

# NICKEL-GRAF™

## Nickel and Graphite Based Anti-Seize Compound

### Product Description

Nickel-Graf™ is used wherever extreme service conditions exist. It is a premium quality anti-seize lubricant designed especially for maximum resistance to the most corrosive and extreme temperature environments. Performs to temperatures of 2,600°F (1,426°C).

Nickel-Graf™ is composed of pure colloidal nickel and graphite flakes dispensed in a superior high-performance petroleum carrier. It does not contain any copper, lead, or molybdenum disulfide.

Nickel-Graf™ will not poison catalyst beds, reaction chambers, or special alloy fittings. Can be used with anhydrous ammonia, acetylene, and other vinyl monomers. Exceeds MIL-PRF-907E specifications.

### Features & Benefits

- Offers maximum protection from acids, caustics, 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

### 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.

### Composition, Typical

Solid Lubricants Nickel Graphite	38%
Carrier plus Additive	62%

In general these compounds are composed of fine powders, dispersed in a high quality, carrier that has been fortified with Anti-Oxidants, Corrosion Inhibitors, and Extreme Pressure Additives

### Service Recommendations

-300° to 2600°F (-184° to 1426°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	Nickel
Friction Coefficient	0.096
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	8oz bt	12.5oz aer	15oz cart
13002	13003	13008	13014	13015

1# can	1# bt	2 1/2# can	8# can	42# pail	130# drum	500#drum
13016	13018	13025	13030	13050	13130	13425

**ANTI-SEIZE TECHNOLOGY**

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