



NICKEL-GRAF™

Nickel and Graphite Based Anti-Seize Compound

www.antiseize.com

Product Description

Nickel-Graf™ is used wherever extreme service conditions exist. It is a premium quality Anti-Seize Compound and 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 high purity graphite flakes dispensed in a superior high-performance petroleum carrier enhanced with the latest rust, corrosion and Extreme Pressure Additives. It does not contain any copper, lead, or molybdenum disulfide.

Nickel-Graf™ will not poison catalyst beds, reaction chambers, or special alloy fittings and can be used with anhydrous ammonia, acetylene, and other vinyl monomers. Meets the Performance Requirements of MIL-PRF-907F.

Features & Benefits

- Offers maximum protection from acids, caustics, corrosive 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.

Service Recommendations

-300° to 2600°F (-184° to 1426°C)

Not suitable for use with oxygen or concentrated chlorine

Clean up

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

Equipment: Mineral Spirit type solvents work best.

Shelf Life

Nickel Graf™ has a shelf life of 5 year 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.

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.

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.
Solid Lubricants Nickel Graphite	38%
Carrier plus Additive	62%
RoHS	Compliant

Cautions

Read all information on labels and 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. Not for use on Oxygen systems.

GHS compliant

This product requires GHS pictograms on labels.
Refer to Label and SDS for GHS information:

Available In:

Size: 2oz BT 3oz tube 5ozBT 8oz BT 8oz tube 12.5oz Aer
P/N: 13002 13003 13005 13008 13008T 13014
15oz cart :13015

Size 1# cn 1# BT 2-1/2#cn 8# cn 42# pail 130#drum 500#drum
P/N: 13016 13018 13025 13030 13050 13130 13425

SLICKON Bolt Dip & Brush Applicator, 8 oz Refill Tube
P/N: 13338 13008T

BT=Brush Top, Aer= Aerosol can, Cart= Cartridge