



www.antiseize.com

NICKEL PLATE™

Anti-Seize Compound

Product Description

Nickel Plate™ is used wherever extreme service conditions exist. **Nickel Plate™** is an Anti-Seize compound which contains our synthetic base grease and a hydrophobic thixotrope which gives it outstanding water and moisture resistance. It contains a high concentration of pure colloidal Nickel flakes and high purity Graphite aided by special carriers and rust and oxidation inhibitors to protect against seizing and galling during assembly and disassembly of threaded connections. This combination will protect, lubricate, and fight corrosion.

Nickel Plate™ features a unique waterproof grease which will not leave any hard, caked on carbon residue when used at temperatures exceeding 400 F (204C) leaving a film of pure Nickel powder and high purity graphite, sandwiched between the mating surfaces of the threads to protect them from seizing together. Service Temperatures from -300° to 2600°F (-184° to 1426°C)

Nickel Plate™ 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-907E

Features & Benefits

- Withstands extreme weather conditions
- Does not form an hard caked carbon residue at high temperatures
- Highly water resistant
- Resists seizing and galling
- Protects against rust and corrosion
- Resists galvanic pitting on all kinds of machinery and metal fittings
- 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
- Speeds assembly and disassembly

Typical Users: Industries & Facilities

Aircraft, Assembly and Manufacturing, automotive, Agricultural Equipment Mfg., Chemical Plants, Construction and Earth-moving, Farms and Irrigation, Metal Working, Marine and Shipyards, Municipal Sewage and Water treatment, Oil Drilling and Mining, Pulp and Paper Mills, Petroleum Refineries, Power Plants, Steel Mills and Foundries, Truck and Fleet Maintenance, Textile Mills.

Applications include

Any Metal Connection where an Anti-Seize is Desired; Moving Parts in High Temperatures, Bolts, Fittings, Flanges, Gaskets, Keyways, Valves, etc.

Clean up

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

Equipment: Mineral Spirit type solvents work best.

Typical Properties

Property	Value
Specific Gravity	1.15
Weight per gallon	9.9 LB
Penetration, ASTM D217-60T,	320 - 350
Oil Separation, 30 hr. at 158°F	<1%
Flash point, ASTM D-92-85 (IP 36/65)	425°F
Color	Nickel
Homogeneity	Plate Products do not require mixing. Will not settle, harden or separate under normal conditions.
Solid Lubricants	38%
Carrier plus Additive	62%
Friction Coefficient	.09
4 Ball Wear, 40kg, 1200rpm	0.65 scar
RoHS	Compliant

Shelf Life

Nickel Plate™ 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.

Cautions

Not suitable for use with oxygen or chlorine systems.

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:

Size: 2oz BT	5oz BT	6oz pres*	8oz BT	15oz Cart
P/N: 35002	35005	35006	35010	35015

Size: 1# BT	2 # can	8# can	42# pail	130# keg	425#drum
P/N: 35018	35025	35030	35050	35130	35425

SLICKON Bolt Dip & Brush Applicator, 8oz Refill Tube
P/N: 35338 35008

* 6oz pressurized can (w/applicator) BT=Brush Top, Cart=Cartridge