



# Technical Datasheet

## HOLDIT NA500

Revised Date: June 2011

### Description

HOLDIT NA500 Nickel-Graphite Anti-Seize paste is a high temperature resistant anti seize paste that lubricates during assembly, providing protection against seizing, galling and excessive wear even in the most adverse conditions.

### Applications

This versatile lubricant can be used on construction equipment, in the marine, aircraft, oil field, farm, mining, milling industries for general plant maintenance.

Applications Include:

- Lube for Threaded Parts
- Lube for Valve Seating's
- Rust Prevention on any assembly
- Fork Lift Chain Guard and Lube
- Boiler Hinges and Door Latches
- Prevents Threads on Aero Jets, Turbines etc
- Protects Threads, Gears, Pulleys, Chains, Rollers, Cables, Hinges, Pivots, Sprockets, Oven Doors, Exhaust Manifold Parts, Flues, and Assemblies etc.

### Instructions for Use

1. Ensure parts are clean and dry
2. Product is then brushed onto components, which provides instant protection.

### Properties

NA500 is a high temperature lubricant that provides maximum protection against corrosion even with temperatures exceeding 1,093°C.

### Technical Features

Base	Synthetic Oils and Lubricants
Colour	Silver
Viscosity (Thixotropic)	500K-350K (Paste)
Max. Operating Temperature	-53°C to 1,426°C
Shelf Life	18 months

### Performance Data

Lubricity (K Factor)	0.13
Coefficient of Friction	0.17 @ 71°C
Meets Mil Spec	MIL-A-907E

### Torque/Tension Relationships

Pre-Load is provided with lubricity reducing friction, controlling on torque variations, assisting in achieving the desired tensile pre-load.

### Special Properties

- Resists Galvanic Action
- Eliminates Galling on press fits.
- Eliminates Pitting and Electrolysis.
- Eliminates Seizure and Protects from Rust.

### Uses in various Aspects of Industry

Automotive – on and off road.  
Marine and on board equipment  
All types of Industrial equipment.



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## Storage

HOLDIT NA500 should be stored in a dry cool area, out of direct sunlight in temperatures between -10°C and 30°C. Optimal Storage temperature is 22±4°C. This product has a 18 month shelf life from manufacture when stored at 22±4°C.

## Presentation

HOLDIT NA500 is available in a 500gram Brush Top Can.

## Note

Nickel is a hard metal that keeps surfaces apart. It is particularly well suited for applications that involve the use of different metals (such as brass to steel).

## Health & Safety in Use

Because of solid content, use of gloves and goggles is recommended.

## Conversions

$$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$$

$$\text{N/mm} \times 5.71 = \text{lb/in}$$

$$\text{MPa} \times 145 = \text{psi}$$

$$\text{N/mm}^2 \times 145 = \text{psi}$$

$$\text{N} \times 0.225 = \text{lb}$$

$$\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$$

$$\text{N}\cdot\text{mm} \times 0.738 = \text{lb}\cdot\text{ft}$$

$$\text{mPa}\cdot\text{s} = \text{cP}$$