



Technical Datasheet

HOLDIT NA500

Revised Date: January 2015

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 |
| Product Conformity | MIL-A-907E / MIL-PRF-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.



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

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$
 $\text{N/mm} \times 5.71 = \text{lb/in}$
 $\text{MPa} \times 145 = \text{psi}$
 $\text{N/mm}^2 \times 145 = \text{psi}$
 $\text{N} \times 0.225 = \text{lb}$
 $\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$
 $\text{N}\cdot\text{mm} \times 0.738 = \text{lb}\cdot\text{ft}$
 $\text{mPa}\cdot\text{s} = \text{cP}$