

Technical Data Sheet Nickel Based Anti-Seize 368

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Product Description

Hernon[®] Nickel Based Anti-Seize 368 is a silver colored low-friction, anti-seize lubricant manufactured for use in extreme temperatures and environments. Exposure to high temperatures deposits a nickel metallic plating. The grease provides protection from rust by water penetration or washoff.

Nickel Based Anti-Seize 368 provides a shield against metal-to-metal contact, preventing seizure and corrosion. Provides low friction and cushions impact and shock loads. Low shear between particles reduces stick-slip, allowing quick disassembly with minimum wrench torque. It will not squeeze out of the threads, gum up, or wash off.

Product Benefits

- Conforms to MIL-PRF-907E
- Service rating: -65°F (-54°C) to 2600°F (1427°C).
- Contains no lead, copper or graphite.
- Lowers friction; reduces wrench torque.
- Protects against rust and corrosion.
- Brushable to 0° F (-18° C)
- Not affected by contraction, expansion, or vibration.
- Will not run, drip, or settle out.

Typical Applications

Used in refineries, chemical plants for use on threaded connections, pipe fittings, flanges, studs, exhaust manifold bolts, heat exchangers, furnace hinges, etc.

General Information

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a lubricant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

Storage

Nickel Based Anti-Seize 368 should be stored in a cool, dry location in unopened containers at a temperature between 46°F to 86°F (8°C to 30°C) unless

otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused material, do not return any material to its original container.

Typical Properties

Property	Value
Thickener	Aluminum Complex
Fluid Type	Petroleum
Color/Appearance	Silver/Grey paste
Dropping Point, ASTM D566	450°F (232°C)
Specific gravity	1.10
Density (lb/gal)	9.2
Oil Separation, ASTM D6184 Wt. % Loss @ 212°F (100°C)	< 5.0
K-Factor High Chrome Alloys at 60,000 psi Contact Stress	0.15
Penetration @ 77°F ASTM D217	300 to 315
Nickel Strip Corrosion ASTM D4048	1A
4-Ball, ASTM D2596 Weld Point, kgf Load Wear Index	200 NA
Flash point	See MSDS

Dispensing Equipment

Hernon[®] offers a complete line of semi and fully automated dispensing equipment. Contact **Hernon[®] Sales** for additional information.

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