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Loctite 442-77164

Loctite 77164 Nickel Anti-Seize Instruction Manual

Model: 442-77164

1. PRODUCT OVERVIEW

Loctite LB 771 Nickel Anti-Seize is a heavy-duty, high-temperature lubricant designed to prevent galling, corrosion, and reduce wear in applications involving heavy pressure. This product contains tenacious metals, oils, and graphite materials engineered to withstand extreme conditions without burning away or being removed by slow-moving parts. It offers exceptional resistance to attack by acids, ammonia, acetylene, and vinyl monomer. It facilitates the easy assembly of stainless-steel threads and press fits by reducing friction, and ensures simple disassembly of parts even after prolonged exposure to corrosive or high-temperature environments.



Figure 1: Loctite 77164 Nickel Anti-Seize 1 lb can.

2. SAFETY INFORMATION

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning). Always handle with care.

CAUTION: May cause allergic skin reaction. May cause eye irritation. Refer to the Safety Data Sheet (SDS) for complete safety information before use. Always wear appropriate personal protective equipment (PPE), including gloves and eye protection, when handling this product.

- Avoid contact with skin and eyes.
- Use in a well-ventilated area.
- Do not ingest.
- Keep out of reach of children.
- Store in a cool, dry place away from direct sunlight and heat sources.

3. PREPARATION AND APPLICATION (OPERATING INSTRUCTIONS)

3.1 Surface Preparation

For optimal performance, ensure surfaces are clean, dry, and free from oil, grease, and other contaminants. Use a

suitable cleaner if necessary, and allow surfaces to dry completely before application.

3.2 Application Instructions

1. Stir the product thoroughly before use to ensure uniform consistency.
2. Apply a thin, even coat of Loctite 77164 Nickel Anti-Seize to the threads or mating surfaces of the components. Ensure complete coverage.
3. Avoid excessive application; a thin film is sufficient to provide effective anti-seize properties.
4. Assemble the components as required. The anti-seize compound will reduce friction, allowing for easier assembly and proper torque application.
5. Wipe away any excess compound immediately after assembly.

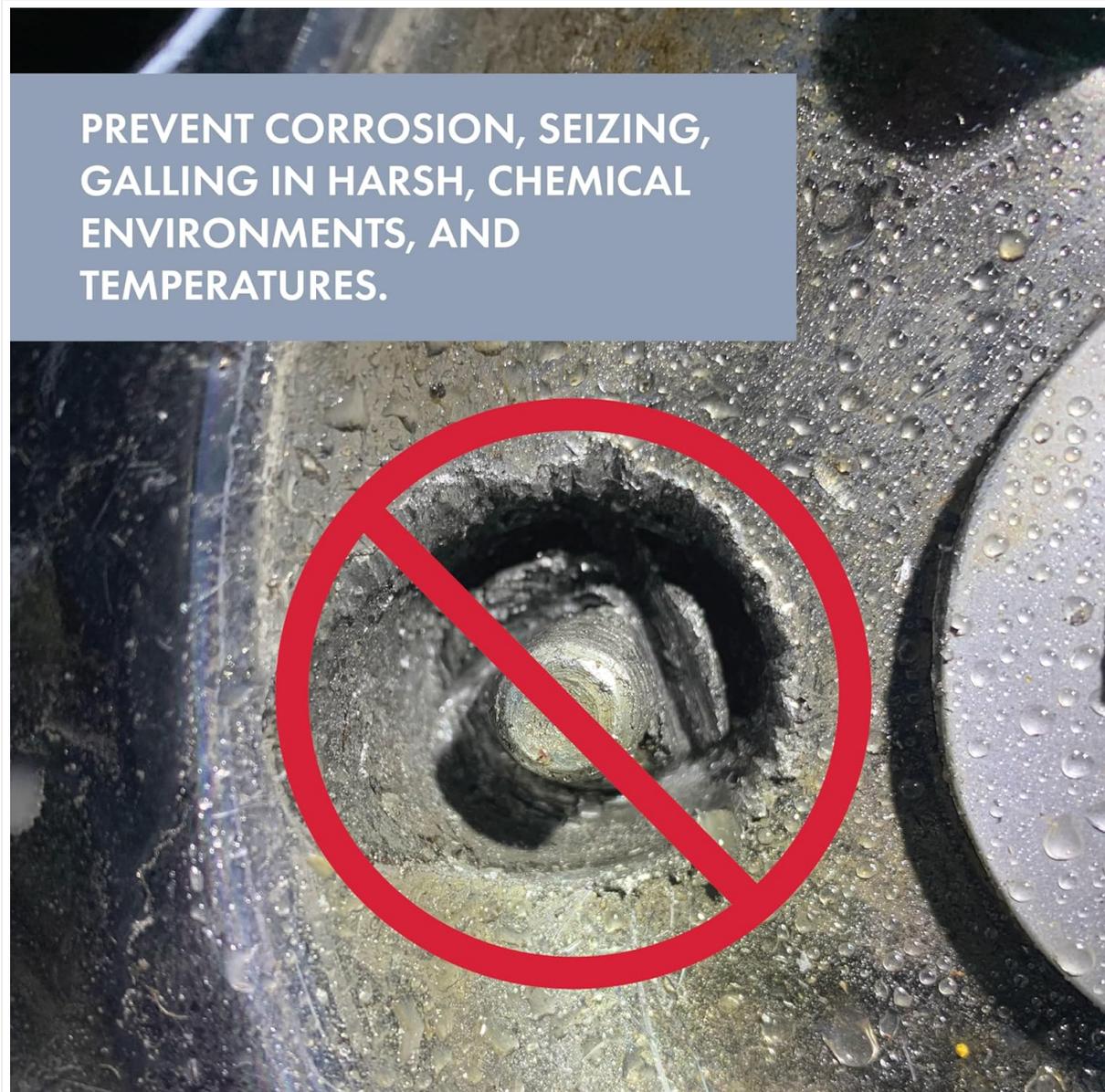


Figure 2: Loctite 77164 prevents corrosion, seizing, and galling in harsh environments.

4. MAINTENANCE AND STORAGE

Store the Loctite 77164 Nickel Anti-Seize in its original container, tightly sealed, in a cool, dry, and well-ventilated area. Protect from freezing and direct sunlight. The recommended storage temperature is between 8°C to 28°C (46°F to 82°F). Proper storage ensures product longevity and effectiveness.

5. TROUBLESHOOTING

- **Difficulty in Application:** If the product appears too thick, ensure it has been stored at the recommended temperature and stirred thoroughly.
- **Ineffective Anti-Seize Action:** This may occur if surfaces were not properly cleaned or if an insufficient amount of product was applied. Re-clean surfaces and reapply.
- **Galvanic Corrosion:** While Nickel Anti-Seize is generally resistant, always be aware of potential galvanic corrosion when dissimilar metals are in contact. Consult material compatibility charts if unsure.

6. SPECIFICATIONS

Specification	Detail
Brand	Loctite
Model Number	442-77164
Material	Nickel
Package Information	Can
Liquid Volume	16 Fluid Ounces (1 lb.)
Item Weight	0.51 Kilograms (1.12 Pounds)
Product Dimensions	3.3 x 3.5 x 5.5 inches
Country of Origin	United States
Temperature Resistance	Resists galling and seizing up to 2400°F (1315°C)

16 OZ



Figure 3: The 16 oz. (1 lb.) volume of Loctite 77164 Nickel Anti-Seize.

7. MANUFACTURER CONTACT AND SUPPORT

For further technical assistance, safety data sheets, or product inquiries, please visit the official Loctite website or contact their customer support. Manufacturer: Loctite.

You can find more information and support resources at the [Loctite Store on Amazon](#).