

METATRON™ 98

NONMETALLIC ANTI-SEIZE COMPOUND

DESCRIPTION:

Metatron™ 98 Anti-Seize Compound is a premium formulation for a wide variety of applications over a wide temperature range. Its homogeneous composition offers maximum protection against seizure and heat freeze, eases assembling and dismantling, and saves man hours. It assures protection against rust, oxidation and corrosion. It will not harden, evaporate, or settle out; and it requires no thinning. 550 is the ideal product for petrochemical plants' maintenance needs.

Metatron™ 98 contains carefully balanced proportions of molybdenum disulfide (MoS₂), graphite, and low friction fillers in an aluminum complex base grease that is fortified with effective rust and corrosion inhibitors. Each principal anti-seize, low friction ingredient has important properties and characteristics. Molybdenum disulfide (MoS₂) has an affinity for ferrous metals, bonds itself to steel working surfaces and offers protection from frictional wear and fret corrosion while sustaining lubrication.

Graphite provides extreme pressure characteristics. The aluminum complex base grease in 550 contains **Metatron's CZ-EX®**, an extreme pressure additive. This package increases performance because it maintains the proper dispersion and suspension of solid ingredients.

PROPERTIES

- Lead Free
- Protects against seizure, heat freeze, galling, rust and corrosion
- Lowers friction; reduces wrench torque
- Provides easy makeup and breakout
- Reduces maintenance costs
- Not affected by contraction, expansion or vibration.
- Will not run, drip or settle out.
- Color - Steel Blue

APPLICATIONS

Use **Metatron™ 98** on:

- Tubular
- Gaskets
- Threads
- Slides
- Flange Faces
- Guides
- KeywaysKeys
- Fittings

Well suited for steel and aluminum. **Metatron™ 98** works equally well on alloys, stainless steel, cast iron, titanium, plastic, copper, brass, packing and gasket materials. 550 is an effective anti-seize on LPG and other gases. For sealing applications, use **Metatron™ 160**. NOTE: Not for use on oxygen lines.

CONFORMS TO:

Military Specification: MIL-PRF-907E

SERVICE RATING:

-65°F (-54°C) to 2400°F (1316°C)

PRODUCT CHARACTERISTICS

Thickener	Aluminum Complex
Fluid Type	Petroleum
Color/Appearance	Steel Blue/Smooth Paste
Dropping Point (ASTM D-566)	450°F (232°C)
Specific Gravity	1.19
Density (lb/gal)	9.90
Oil Separation	<5.0
WT. % LOSS@ 212°F (100°C)	
Flash Point (ASTM D-92)	>430°F (221°C)
NLGI Grade	1 - 1½
Coefficient of Friction	0.16
7/8" B-7 Studs w/2H Nuts	
Penetration @77°F (ASTM D-217)	300 - 330
Copper Strip Corrosion (ASTM D-4048)	1A
4-Ball (ASTM D-2596) Weld Point, kgf	500
Load Wear Index	100
Salt Fog Resistance	+200
20% NaCl @ 100°F,	
Hrs. Free of Corrosion (ASTM B-117)	

LIMITED WARRANTY

Metatron Mfg, makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Metatron Mfg, materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Metatron Mfg.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Metatron Mfg, shall not be liable for incidental or consequential damages.