

550®

NONMETALLIC ANTI-SEIZE COMPOUND

DESCRIPTION

550® Anti-Seize Compound is a premium formulation for a wide variety of applications over a wide temperature range. **550** is the ideal product for petrochemical plants' maintenance needs. 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 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 **JET-LUBE's CZ-EX®**, an extreme pressure additive. This package increases performance because it maintains the proper dispersion and suspension of solid ingredients.

- 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 **550** on:

Tubular	Threads	Flange Faces	Keyways/Keys
Gaskets	Slides	Guides	Fittings

Well suited for steel and aluminum. **550** works equally well on stainless steel, cast iron, titanium, copper, brass, alloys, plastic, and gasket materials. **550** is an effective anti-seize on LPG and other gases. For sealing applications, use **V-2®**.

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)
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PRODUCT CHARACTERISTICS

Thickener	Aluminum Complex Petroleum
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
Penetration @77°F (ASTM D-217)	300 - 330
K-Factor	0.17
1" B7 Studs @ 80,000 psi Contact Stress	
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)	

PACKAGING

Code No.	Container Size	Container
15555	¼ lb.	Brush Top can
15502	½ lb.	Brush Top can
15504	1 lb.	Brush Top can
15507	2 lb.	Plug Top can
15523	10 lb.	Pail
15515	50 lb.	Pail
15524	150 lb.	Drum
15529	500 lb.	Drum

LIMITED WARRANTY

Jet-Lube, Inc. makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube, Inc. 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 Jet-Lube, Inc.

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 Jet-Lube, Inc. shall not be liable for incidental or consequential damages.

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