

# 550<sup>®</sup>

## Nonmetallic Anti-Seize Compound



### TECHNICAL DATA SHEET

3820 - 97 Street, NW, Edmonton, Alberta Canada T6E 5S8 • Phone (780) 463-7441 Toll Free 1-888-771-7775 Fax (780) 463-7454 Toll Free 1-888-449-4449  
email: sales@jetlubecanada.com Web site: www.jetlubecanada.com

#### DESCRIPTION

**550<sup>®</sup>** Anti-Seize Compound is a premium formulation for a wide variety of applications over a wide temperature range. It's 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 disulphide (MoS<sub>2</sub>), 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 disulphide (MoS<sub>2</sub>) 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<sup>®</sup>, an extreme pressure additive. This package increases performance because it maintains the proper dispersion and suspension of solid ingredients. It flows evenly over surfaces and into thread courses. It will not drip, assuring that the surface receives maximum protection.

**Conforms to Military Specification MIL-PRF-907E**  
**SERVICE RATING: -54°C to 1316°C (-65°F to 2400°F)**

#### APPLICATIONS

Tubular Threads	Flange Faces	Keyways	Keys
Gaskets	Slides	Guides	Fittings

**NOTE: Not for use with oxygen lines.**

#### CHARACTERISTICS

- 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

#### PRODUCT SPECIFICATIONS

Thickener	Aluminum Complex
Fluid Type	Petroleum
Color/Appearance	Steel Blue/ Smooth Paste
Dropping Point (ASTM D-566)	232°C (450°F)
Density (kg/liter), Typical	1.19
Specific Gravity	1.19
Oil Separation, Wt. % Loss @ 100°C (212°F)	<5.0%
Penetration (ASTM D-217) @ 25°C (77°F)	300-330
Flash Point (ASTM D-92)	>221°C (430°F)
NLGI Grade, Typical	1.0 to 1.5
Copper Strip Corrosion (ASTM D-4048)	1A
Shell 4-Ball (ASTM D-2596)	
Weld Point, kgf	500
Load Wear Index	100
Salt Fog Resistance	
20% NaCl @ 100°F, Hrs. Free of Corrosion (ASTM B-117)	+200

#### PACKAGING

Inventory Code	Container Size	Container
15541	12 oz.	Aerosol
15502	1/2 lb.	Brush-Top Can
15504	1 Lb.	Brush-Top Can
15523	10 Lb.	Pail
15519	5 U.S. Gallon	Pail

**Certification** Mil Spec MIL-PRF-907E

#### LIMITED WARRANTY

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

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 of Canada Ltd. shall not be liable for incidental or consequential damages.

