

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 well suited for petrochemical plants' maintenance needs. Its composition offers reliable 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 a complex base grease that is fortified with effective rust and corrosion inhibitors. Each principal anti-seize and low-friction ingredient has important properties and characteristics that are provided to **550®**. Molybdenum disulfide (MoS₂) has an affinity for ferrous metals, bonding itself to steel working surfaces and offering protection from frictional wear and fret corrosion while sustaining lubrication. Graphite provides extreme pressure characteristics.

This formulation increases performance because it maintains the proper dispersion and suspension of solid ingredients.

ADVANTAGES

- 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

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 for use with LPG and other gases. For sealing applications, use **V-2®**.

NOTE: Not for use on oxygen lines

CONFORMS TO:

Military Specification	MIL-PRF-907F
Raytheon Specification	M8656839 Type II

PRODUCT CHARACTERISTICS

Service Rating:	-54°C (-65°F) to 1316°C (2400°F)
Thickener	Aluminium Complex
Fluid Type	Petroleum
Color/Appearance	Steel Blue/Smooth
Dropping Point (ASTM D-566)	232°C (450°F)
Specific Gravity	1.26
Density (lb/gal)	10.5 typical
Oil Separation	<5.0
WT. % LOSS @ 100°C (212°F)	
Flash Point (ASTM D-92)	>221°C (430°F)
NLGI Grade	1 - 1½
Penetration @ 25°C (ASTM D-217)	290-315
K-Factor (80,000psi 1" B7 stud)	0.17
Copper Strip Corrosion (ASTM D-4048)	1A
4-Ball (ASTM D-2596)	
Weld Point, kgf	620
Load Wear Index	100
Salt Fog Resistance	+200
20% NaCl @ 100°F, Hrs. Free of Corrosion (ASTM B-117)	

PACKAGING

Code No.	Size	Container
JAI5503	36 x 30g	Metal Tube
JAI5504	12 x 500 g.	Brush Top
JAI5523	5 Kg.	Plastic Pail
JAI5525	22.7 Kg.	Plastic Pail
JAI5529	227 Kg.	Barrel

LIMITED WARRANTY

Jet-Lube (UK) Ltd makes the Limited Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube (UK) Ltd materials and workmanship.

This Limited 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 (UK) Ltd

The sole remedy for breach of the Limited Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube (UK) Ltd shall not be liable for incidental or consequential damages.

Last Updated: Dec 2015

JET-LUBE®

A CSW Industrials Company

> Please visit us online at www.jetlube.co.uk for the most current reference information.

