



# MARINE GRADE ANTI-SEIZE

## NON-METALLIC, ENVIRONMENTALLY ACCEPTABLE ANTI-SEIZE

### DESCRIPTION

**MARINE GRADE ANTI-SEIZE** is a nonconductive, non-metallic blend of anti-friction materials specially formulated for to meet the new requirements for marine and offshore environments.

**MARINE GRADE ANTI-SEIZE** falls within the range of environmentally preferable lubricants for use as a best management practice (BMP) by operators of vessels covered under the Vessel General Permit for Discharges Incidental to the Normal Operation of Vessels (VGP).

**MARINE GRADE ANTI-SEIZE** meets the requirements for environmentally acceptable lubricant (EAL) as used to describe those lubricants which have been demonstrated to meet standards for biodegradability, toxicity and bioaccumulation potential that minimize their likely adverse consequences in the aquatic environment when compared to conventional lubricants.

**MARINE GRADE ANTI-SEIZE** is OSPAR compliant, registered by both CEFAS in the UK and KPD/SFT in Norway.

The non-metallic anti-seize boundary lubricants were specifically selected to reduce the potential for galvanic corrosion and protect sensitive or galling prone alloys such as chrome and Inconel. These fill the voids and imperfections on the surface shielding sliding components from interference making assembly and disassembly easy without damage to the nut or bolt.

### APPLICATIONS

**MARINE GRADE ANTI-SEIZE** is recommended for the following applications:

- Boiler covers
- Release paste for raised face gaskets
- Heat exchanger bolts
- Door track lubricant for sliding doors
- Centrifugal pump shaft lubricant
- Bolt lubricant for engine assembly
- Anything needing lubrication for threaded fasteners
- Environmentally Safe & ECO Compliant

### PRODUCT CHARACTERISTICS

Color	Off-White
Penetration (ASTM D-217)	300 - 330
Density (lb/gal)	11.35
Specific Gravity	1.36
Flash Point (ASTM D-92)	>435
Weld Point, kg	>620
Dropping Point (ASTM D-566)	>450°F (232°C)
Thickener Type	Complex Blend
Base Oil Type	Synthetic & Vegetable
Volume resistivity, (ASTM D1169)	
@25C & 500 V-DC, (ohm-cm)	5.1 x 10 <sup>9</sup>
@150C & 109 V-DC, (ohm-cm)	1.3 x 10 <sup>8</sup>
Copper Strip Corrosion (ASTM D-4048)	1A Typical
Salt Fog Resistance (ASTM B-117)	5% NaCl >2000 hrs., 20% NaCl >750 hrs.
K-Factor*	0.15
Carbon Steel Alloy @ 60,000 PSI Contact Stress	
Water Spray Off Resistance (ASTM D-4049)	<40%
VOC (EPA 624)	None

\*(T = K x D x F) where:

T = torque, K = nut factor, sometimes called the friction factor, D = bolt diameter, and F = bolt tension generated during tightening.

*Shelf Life: Minimum five years from manufacture date.*

**For package types and part numbers contact [sales@jetlube.com](mailto:sales@jetlube.com).**

### LIMITED WARRANTY

For warranty information please visit [http://www.jetlube.com/pdf/Jet-Lube\\_Warranty.pdf](http://www.jetlube.com/pdf/Jet-Lube_Warranty.pdf)

You can also email us at [sales@jetlube.com](mailto:sales@jetlube.com) or write to the Sales Department at the address below.