

# SS-30

## High Temperature Anti-Seize



### TECHNICAL DATA SHEET

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#### DESCRIPTION

**JET-LUBE SS-30™** literally copper plates mating and sliding surfaces to provide protection against seizure, galling, and heat-freeze. Its high content of copper particles prevents metal-to-metal contact, maintaining lubrication qualities under wide variations of temperature, expansion, contraction, and cyclic pressures and loadings.

**SS-30** has a high content of micro-size, pure copper flakes that are homogenized into a non-melting, non-volatile grease. It contains no lead or graphite, does not require mixing, and will not separate, settle out, harden, or dry out in storage. It is fortified with anti-oxidants, and corrosion inhibitors.

**SS-30** is easy to use, brushes on readily, and adheres tenaciously - even on wet or oily surfaces. It brushes evenly into thread roots and over any surface, assuring complete and efficient coverage. It can be applied directly to hot surfaces without running off, dripping, or thinning out.

**SS-30** is specially formulated for stainless steel fittings, protecting them from pitting and breakage. It works equally well on a wide range of similar and dissimilar metals and mating parts, including steel, cast iron, brass, copper, plastics, titanium, gasket materials and packings.

#### APPLICATIONS

**HIGH TEMPERATURE:** For threaded or flanged connections in internal combustion and jet engines. Use with heat exchangers, furnaces, cat crackers, and other high temperature applications.

<b>CONFORMS TO</b> Military Specification MIL-A-907E
<b>OPERATING RANGE</b> -54°C to 982°C (-65°F to 1800°F)

#### GENERAL USES

Studs	Screws	Bushings
Nuts/Slides	Flanges	Bolts
Press Fits	Sliding Surfaces	

**ELECTRICAL:** Recommended for all types of electrical connections, storage batteries, etc. where excellent conductivity is required.

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



#### CHARACTERISTICS

- Lead Free
- Protects against seizure, heat-freeze, galling, rust and corrosion
- Ideal for use on stainless steel for joining dissimilar metals
- Brushes on easily
- Highly adhesive to both wet and dry surfaces
- "Copper Plates" to prevent metal-to-metal contact
- Will not run, drip or settle out
- Color - Copper

#### PRODUCT SPECIFICATIONS

Grease Carrier	Organo Clay
Dropping Point (ASTM D-566)	None
Water Spray-Off (ASTM D-4049)	<20%
Density (kg/liter), Typical	1.17
Specific Gravity	1.17
Oil Separation, Wt. % Loss	<2.0
Penetration (ASTM D-217)	
25°C (77°F)	265 - 295
-18°C (0°F)	200
NLGI Grade, typical	2
Corrosion Resistance (Modified ASTM B117)	
20% NaCl at 100°F, Hours Free from Corrosion	100
Coefficient of Friction (1" 316 Stainless Steel)	0.12
Evaporation Loss, Wt %	
24 Hours at 100°C (212°F)	<1.0
Copper Strip Corrosion (ASTM D-4048)	1A

#### PACKAGING

Inventory Code	Container Size	Container
12502	225 ml	Brush-Top Can
12504	1-Liter	Jar
12505	5-Liter	Pail
12510	10-Liter	Pail

#### 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.