

SS-30™

HIGH-TEMPERATURE ANTI-SEIZE AND GASKET COMPOUND



DESCRIPTION

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.

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

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 application.

GENERAL USES:

Studs	Screws	Bushings
Nuts	Slides	Flanges
Bolts	Press Fits	Sliding Surfaces

CONFORMS TO:
Military Specification MIL-PRF-907E
SERVICE RATING:
-65°F (-54°C) to 1800°F (982°C)

PRODUCT CHARACTERISTICS

Thickener	Complex Blend
Fluid Type	Petroleum
Color/Appearance	Copper Paste
Dropping Point (ASTM D-566)	None
Specific Gravity	1.2
Density (lb/gal)	10.0
Oil Separation	<2.0
Wt. % Loss @ 212°F (100°C)	
Flash Point (ASTM D-92)	>560°F (292°C)
NLGI Grade	1½
K-Factor	0.13
1" B-7 Studs @ 60k-80k psi Contact Stress	
Penetration @ 77°F (ASTM D-217)	280 - 300
Copper Strip Corrosion (ASTMD-4048)	1A
4-Ball (ASTM D-2596)	
Weld Point, kgf	250
Load Wear Index	Not Applicable
Salt Fog Resistance	100
20% NaCl @ 100°F, Hrs. Free of Corrosion (ASTM B-117)	

NOTE: Not for use on oxygen lines. Not intended for use with aluminum where galvanic corrosion could be a significant issue.

PACKAGING

Part No.	Container Size	Container
12555	140 ml / 113 gm	Brush Top Can
12504	450 ml / 454 gm	Brush Top Can
12523	4 L / 4.5 kg	Pail

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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