

DESCRIPTION

SS-30™ Extreme 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 Extreme has a high content of micro size, pure copper flakes that are homogenized into a calcium sulfonate complex grease with exceptional corrosion resistance and anti-wear properties. It contains no lead, zinc, molydisulfide, 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. This formula is sheen free.

SS-30 Extreme 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.

SS-30 Extreme is specially formulated for subsea fittings, protecting them from galling and corrosion. 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. Excellent for stainless steel.

- Lead, Graphite & MoS2 Free
- Protects against seizure, heat-freeze, galling, rust and corrosion
- Sheen Free
- 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
- High electrical conductivity

APPLICATIONS

SUBSEA: For subsea nuts and bolts where long-term corrosion resistance and anti-galling are primary concerns.

GENERAL USES:

| | | |
|-------|------------|------------------|
| Studs | Screws | Bushings |
| Nuts | Slides | Flanges |
| Bolts | Press Fits | Sliding Surfaces |

NOTE: Not for use on oxygen lines.

CONFORMS TO:

Military Specification MIL-PRF-907F

SERVICE RATING:

-65°F (-54°C) to 1800°F (982°C)

PRODUCT CHARACTERISTICS

| | |
|---|-----------------|
| Thickener | Calcium Complex |
| Fluid Type | Group I Oil |
| Color/Appearance | Copper Paste |
| Dropping Point (ASTM D-566) | None |
| Specific Gravity | 1.2 |
| Density (lb/gal) | 1.0 |
| Oil Separation | <2.0 |
| WT. % LOSS @ 212°F (100°C) | |
| Flash Point (ASTM D-92) | >500°F (260°C) |
| NLGI Grade | 1½ |
| K-Factor/Nut Factor* | 0.13 |
| (1" B-7 Studs @ 60k – 80k psi Contact Stress) | |

*(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.

| | |
|---|----------------|
| Penetration @77°F (ASTM D-217) | 280 - 300 |
| Copper Strip Corrosion (ASTM D-4048) | 1A |
| Shell 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) | |

For package types and part numbers contact sales@jetlube.com

LIMITED WARRANTY

For warranty information please visit

http://www.jetlube.com/pdf/Jet-Lube_Warranty.pdf

You can also email us at sales@jetlube.com or write to the Sales Department at the address below.