



ORIGINAL ENGINEERED LUBRICANTS



ACE - FLEX ICu - 1000

HIGH TEMPERATURE ANTI SEIZE COMPOUND

ACE - FLEX ICu - 1000

Product Description

ACE-FLEX ICu - 1000 is a combination of solid lubricants used provides better load carrying capacity and improved anti seize properties.

It avoids seizures at high temperature. It allows easy dismantling even after relatively long periods of service. It contains Copper and other solid lubricants enhancing high loads and high temperature performance .

Benefits

- Braves humid, corrosive and salty environments.
- Meets breakaway torque requirements of MIL-A-907E.
- Highly economical due to extensive area coverage.
- Averts stress built up on components.
- Low co-efficient of friction.
- Good brushability.

Applications

- For threaded connections in high temperature areas such as steam lines, generators, engine heads, exhaust pipes, gas turbines.
- For threaded connections like valve spindles for steam and other services.
- Studs, bolts, nuts and other threaded connections and stainless steel parts.
- Gears, racks and pinions, spline, shafts, plain bearings, pivot joints.
- Equipment subjected to marine, fresh or sea water and For slow moving components

The data mentioned in this product information sheet are meant to enable the reader to orient himself about the properties and possible applications of our products. Although this overview is composed with all possible carefulness on the stated date, the composer does not accept any liability for damages caused by incompleteness and/or inaccuracies in this information, especially when these are caused by obvious typing errors. The terms of delivery of the supplier apply to all product supplies. The reader is advised, specially for critical applications, to make the final product-choice in consultation with the supplier. Due to continual product research and development, the information contained herein is subject to changes without notification. You can download a recent material safety data sheet of this product on our website.

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TYPICAL TECHNICAL DATA

- Anti Seize Compound
- High Load Capacity
- High Temperature

Characteristics	Test Method	Specifications
Appearance		Smooth Paste
Color		Brown/Black
Base Oil		Synthetic
Solid Lubricant		Copper / Graphite
NLGI Grade		# 2 / 1
Surface Area Coverage [approx.]	CTM	40 m ² /kg
Worked Penetration	ASTM D 217	290 – 310
Four Ball Weld Load	ASTM D-2596	4000 N
Water Washout @ 80°C, wt. loss	ASTM D-1264	< 5%
Co-efficient of Friction [μ]	CTM	0.06 - 0.07
Copper Strip Corrosion Test	ASTM D-4048	1a
Operating Temperature Range Base Oil	°C	-40/+180
Operating Temperature Range Solid Lubricants	°C	-40/+1100