

ANTI-SEIZE COPPER GRADE

COPPER BASED ANTI-SEIZE COMPOUND

Product Description

ANTI-SEIZE COPPER GRADE is a premium low friction, electrically conductive grease based on micro size amorphous copper, graphite and other proprietary solid lubricants with non- melting high temperature apart from new generation oxidation and H₂S inhibitors. It is a lead and zinc free compound formulated to provide excellent performance under excessive vibration, load and elevated temperatures.

A unique combination of solid lubricants and EP additives impart extremely high weld load to the compound thereby offering superior protection against seizing and galling of threaded connections normally encountered under severe drilling conditions. It also makes the compound suitable for lubrication of open gear assemblies subjected to very high load.

Recommended for use:-

Anti-seize Compound is free from lead, graphite and aluminum and does not carbonize at high temperature up to 1100°C. It is recommended for stainless steel application above 360°C it performs well on similar and dissimilar metals. It provides rust, Corrosion protection while preventing seizing, galling, pitting, galvanic action and thread distortion. It is impervious to water, electrically conductive and offers protection from steam acids, caustic and harsh chemicals. It is supplied ready to use to apply by brush, swab, or hand or grease gun.

Typical Properties

ANTI SEIZE COPPER COMPOUND	
Appearance	Smooth Grease
Color	Dark Copper
Specific Gravity	1.2 ± 0.1
Operating Temperature	> 1100°C
Drop Point	None
NLGI	2
Worked Penetration	265-295
Copper Strip Corrosion	ASTM D130 = 1a
4 Ball Weld Load ASTM D2509	> 800 Kg
Brush ability	Up to -12°C
Four ball Wear solids	0.4mm
Oil Separation	< 2.5 %
Friction Factor	1.1 (as per API RP 7A1)
Wear scar under 800N load	1.08
Coefficient of friction Press-Fit test μ	0.10,
SKF Emcor method Degree of corrosion	0

Available Packs:

1. 50, 100 and 200 Gram
2. 1, 5, 18 and 180 KG

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly The Material Safety Data Sheet (MSDS) are available upon request through our sales office.
* All related specifications are meets or exceeds.