

Copper Grease

NLGI 1.5/2

Product Description

Copper Grease is a lead-free anti seize compound, made from high quality mineral oils, non-soap thickener incorporating copper powder and graphite. Anti-seize properties enable this grease to work even if the joints become so compressed that most of the compound is squeezed out, or excessive temperature flashes off the oily part of the compound. A fine film of copper particles always remains in joints or threads to prevent seizure.

Product Features & Benefits

- Prevents seizure and galling during assembly and therefore reduces assembly time
- Enables the easy dismantling of components subjected to high temperatures
- Provides an effective anti-seize in saturated conditions, including chemical environments and salt water
- Enables fast and easy dismantling of components, allowing them to be reused after dismantling

Application

The excellent anti seize properties makes it ideal for lubricating brake linkages. The product is also recommended as a thread lubricant on studs, pipes, casings and whenever eventual disassembly must proceed smoothly. It can be used with confidence on the threads of pipes that carry very hot and corrosive liquids or gases, where it assists sealing and allows trouble free disassembly, including pipe fitting and valves in the chemical, petrochemical, gas and drilling industries. Apply sparingly by brush to the threaded components prior to assembly. For optimum performance, ensure that both the threaded surfaces are completely coated with Copper Grease.

Typical Characteristics

Appearance	Copper coloured smooth paste
NLGI Consistency	1.5 to 2
Thickener	Organically modified clay
Lubricating Solids Content (%)	>20% (Copper and Graphite mixture)
Base Oil	280 to 320
Dropping Point (°C)	Non-melting
Salt Water Corrosion 20hrs @ 25°C on Sheet Steel	No Corrosion
Electrical Conductivity	Excellent
Coefficient of Friction (μ)	0.12
Operating Temperature (°C)	-30 to + 1100

Master Item# 1804 & 2398
Pack Size Availability: 180Kg & 20Kg

Last Updated: 19th May 2023
Previously Updated: 4th March 2021