COPPER ANTI-SEIZE PASTE

Description

Copper Anti-Seize Paste is a high-performance premium quality paste manufactured using the latest extreme pressure, anti-wear, anti-oxidation and corrosion inhibiting additives which are designed to reduce wear, improve performance and extend component life.

Copper Anti Seize Paste has been designed for use on threaded connections of pipes, flanges and fasteners subjected to high temperatures and/or corrosive environments. Suitable as an anti-seize for a wide range of aggressive conditions, the compound overcomes galling on assembly and greatly reduces dismantling torque. It is suitable for use as an anti-seize up to 1100°C.

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 salt water
- Enables fast and easy dismantling of components

Method of Application

Always follow the equipment manufacturer's recommendations and instructions prior to use. As with all greases used for the first time, check compatibility with the grease applied previously and if necessary, clean or purge components prior to application. To ensure adequate lubrication, apply the quantity of grease recommended by the equipment manufacturer.

Packaging

To customer requirements. Minimum order quantities apply.

Storage

Products should always be stored in their original packaging and at temperatures between 0°C and 25°C, away from any moisture and direct sources of heat or sunlight. The recommended shelf life for grease is 2 years when stored under normal recommended conditions.

Handling

For more extensive information on the safe handling and use of this product, please refer to the product safety data sheet (SDS). A copy of the SDS is available on request.

Harmonised Commodity (HS) Code: 27101999

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Technical Data

Technical data provided is typical of a production batch and as such, batch-to-batch variations may occur. Please note that method-specific repeatability and reproducibility tolerances are also applicable.

Properties	Unit	Method	Typical
Appearance	-	-	Smooth Paste
Colour	-	-	Copper
NLGI Grade	-	-	1/2
Thickener	-	-	Bentone
Base Oil	-	-	Mineral Oil
Base Oil Viscosity @ 40°C	cSt	ASTM D445	100
Worked Penetration	dmm	ASTM D217	280-320
Dropping Point	°C	ASTM D2265	>280
Copper Corrosion 24 hours @ 100°C	-	ASTM D4048	1b
Coefficient of Friction (Sliding, Steel-on-Steel)	-	ASTM D2266	0.11
Theoretical K-Factor	-	Calculated from ASTM D2266 Data	0.234
Operating Temperature	-	-	-20°C to +200°C (1100°C as a dry lubricant)