

COPPER PASTE

High-performance copper paste

Description

COPPER PASTE forms an effective separating layer between metal surfaces, thus preventing corrosion, at temperatures from - 40 °C to +900 °C, and up to +1200 °C for short periods. The paraffinic base oil works at temperatures up to 280 °C. Above this, lubrication is guaranteed by the copper particles.

Product features

- Application range -40 °C / +1200 °C
- Protection against metal contacts
- prevents nuts from jamming
- resistant to frictional corrosion
- good high-pressure properties
- contains no graphite
- contains no molybdenum disulphide
- contains no lead

Field of application

Assembly paste for all kinds of screws, threads and press fits. Has proven itself in applications subject to high thermal and mechanical stress: e.g. exhaust screw connections, turbochargers, press fits, threads and screws on hot steam valves, fittings on hot steam installations, etc.

Application

Apply with a brush.

Notes

Not suitable for roller bearings or fast-turning slide bearings.

Technical Data

Properties	Test according to	Unit	Values
Colour			gold
Base oil type			mineral
Thickener			Li
Viscosity			NLGI 2
Density at 20 °C		g/cm ³	0.950
Viscosity at 40°C	DIN 51562-1	mm ² /s	150.0
Flash point	DIN EN ISO 2592	°C	> 250
Temperature operating range		°C	-40 - 900
Drop point	DIN ISO 2176	°C	> 260
Worked penetration	DIN ISO 2137	0.1mm	265 - 295
Water resistance	DIN 51807-1		0 - 90

The above information corresponds to the current state of our knowledge. We reserve the right to make changes. The performance characteristics indicated are based on testing and production tolerances standard in this industry. A safety data sheet is available.