Technical Data

COPPER ANTI-SEIZE PASTE

HIGH TEMPERATURE ANTI-SEIZE LUBRICANT



COPPER PASTE is a high temperature anti-seize lubricant. A soft, copper-coloured paste, based on micronised copper powder and synergistic anti-oxidant, anti-corrosion and anti-wear additives suspended in a premium grade stable oil. It is an effective anti-seize formulation, preventing metal-to-metal contact, seizing, galling, and fretting corrosion.

FEATURES

- Reduces friction and wear, even when the base oil has already evaporated
- High pressure and high temperature resistance
- Ensures accurate assembly
- Enables easy disassembly of threaded parts, gaskets and flanges, even after long operational periods
- Threaded parts remain in good condition and can be re-used
- Separating film ensures favourable release behaviour of the threaded connections
- Excellent sealing even in corrosive atmospheres
- Resistant to hot and cold water
- Lead-free and nickel-free
- Aerosol formulation does not contain chlorinated solvents and uses hydrocarbon propellant
- Does not migrate, even when heated to 370ºC

APPLICATIONS

An effective anti-seize lubricant for:

- Bolts, nuts, pins
- Guides for brakes
- Brake adjusters
- Splines
- Flanges, flange seals
- Exhaust screw connections
- Sliding sleeves / shafts
- To absorb disk brake noise
- Screw connections on hydraulic equipment
- Bushings, fittings
- Spark plugs
- Wheel bolts
- Pipeline connections
- Linkages
- Press fits

DIRECTIONS

- The surfaces to be treated should be clean, dry and grease-free. Wire brush scaled parts and clean with an oil-free solvent like Amberklene FE10
- A thin, even film should be applied either by spraying or by brushing

- Assembled parts (gear teeth, screws, ...) can slowly be put in motion.
- Avoid mixing with other products.
- Test before use on plastics or rubber.
- Do not use on energised equipment, oxygen systems or in presence of acetylene.
- Use aerosol only in ventilated areas.

TYPICAL PRODUCT DATA (without propellant)

Appearance	:	Homogenous, copper colored
Aerosol properties	:	
Flash point (open cup)	:	< 0°C
Boiling range (solvent)	:	60-95°C
Vapour density (vs. air=1)	:	3
Specific gravity @ 20°C	:	0.81
Dry film properties		
Specific gravity @ 20°C	:	0.99
Flash point (open cup)	:	> 200°C
Dropping point	:	none
NLGI consistency	:	1 - 2
Low temperature stability	:	-30°C
Temperature resistance *		
lubrication	:	300°C
anti-seize	:	1100°C
Hot water resistance (DIN 51807 T1, 40°C, 90°C)	:	1
Corrosion (DIN 51802)	:	0/0
Four Ball Wear (DIN 51350 T5, 1h, 500N)	:	0.5 mm
Packaging	:	12 x 400 ml

* Grease decomposition temperature is 300°C. Anti-seize properties of copper particles are conserved up to approximately 1100°C.

STORAGE

The product may be stored at normal ambient temperatures and has a shelf life of not less than 72 months with correct storage. Aerosols should always be stored below 50^{O}C, away from direct heat and naked flame.

HEALTH AND SAFETY

Health and Safety sheet available separately.

MISREPRESENTATION ACT 1967 TRADE DESCRIPTIONS ACT 1968

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