CRC COPPER PASTE

1. GENERAL DESCRIPTION

High temperature anti-seize lubricant.
CRC Copper Paste is a soft, copper-coloured paste, based on 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.

2. 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.

3. APPLICATIONS

An effective anti-seize lubricant for :

- Bolts, nuts, pins
- Screw connections on hydraulic equipment
- Bushings, fittings
- Guides for brakes
- Brake adjusters
- Spark plugs
- Splines

To absorb disk brake noise.

- Wheel screws
- Flanges, flange seals
- Sliding sleeves / shafts
- Pipeline connections
- Exhaust screw connections.
- Linkages
- Press fits.

4. DIRECTIONS

- The surfaces to be treated should be clean, dry and grease-free. Wirebrush scaled parts and clean with an oil-free solvent like CRC Industrial Degreaser or CRC Fast Dry Degreaser.
- 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.

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A safety data sheet (MSDS) according to EU directive 91/155/EEC and amendments is available for all CRC products.

5. TYPICAL PRODUCT DATA (without propellant)

Appearance	:	homogenous, copper coloured
Dry film properties		
Specific gravity (@ 20°C)	:	0,99
Flash point (open cup)	:	> 200°C
Dropping point	:	none
NLGI consistency	:	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 - 90
Corrosion (DIN 51802)	:	0/0
Four ball weld load	:	260 daN
Four Ball Wear (DIN 51350 T5, 1h, 500N)	:	0,5 mm

6. PACKAGING

aerosol : 12 x 300 ml
tubes : 12 x 100 ml
bulk : 12 x 500 g

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

All statements in this publication are based on service experience and/or laboratory testing. Because of the wide variety of equipment and conditions and the unpredictable human factors involved, we recommend that our products be tested on-the-job prior to use. All information is given in good faith but without warranty neither expressed nor implied.
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