

## Copper Paste

### Description

Release agent and lubricant made from ultra-fine copper particles for use with machine elements subject to high thermal stress. Makes dismantling easy after long running times. Copper paste is used at extreme temperatures for bolted connections and interfaces exposed to high temperatures, pressures, and corrosive elements.

### Properties

- resistant to acceleration forces
- prevents transmission of vibration
- long-term corrosion protection
- high bond strength
- outstanding thermal stability
- protects from welding and seizing
- distinctive high-pressure characteristics
- resistant to hot water, salt water and splash water
- universal application
- eliminates squeaks
- lubricant and release effect

### Technical data

|  |  |
|--|--|
| NLGI number                            | 1/2<br>DIN 51818                         |
| Worked penetration                     | 300 1/10 mm<br>DIN ISO 2137              |
| Dropping point                         | kein<br>DIN ISO 2176                     |
| Oil separation after 7 days at 40 °C   | 3,1 %<br>DIN 51817                       |
| Oil separation after 18 hours at 40 °C | 1,1 %<br>DIN 51817                       |
| Flow pressure at -30 °C                | <1400 mbar<br>DIN 51805                  |
| Behavior in the presence of water      | 1-90<br>DIN 51807 Teil 1                 |
| Viscosity at 40 °C                     | 110 mm <sup>2</sup> /s<br>ASTM D 7042-04 |
| Flash point                            | 220 °C<br>DIN ISO 2592                   |
| Pour point                             | -24 °C<br>DIN ISO 3016                   |

### Areas of application

Used for lubrication, separation, and as a corrosion inhibitor for components exposed to high thermal load. Chemical and petrochemical industry, power stations, ceramic industry, engineering and motor vehicle construction - particularly for bolted connections on exhaust manifolds, silencers, chassis com-



ponents, and brake systems.

\* Please follow the manufacturer's advice with regard to products which contain copper.

### Application

Apply to cleaned surfaces using a paint brush, brush or lint-free cloth. Apply the amount which is appropriate for the application.

### Available pack sizes

|                                    |                        |
|------------------------------------|------------------------|
| 100 g Tube plastic                 | 3080<br>D-GB-E         |
| 100 g Tube plastic                 | 2869<br>GB-DK-FIN-N-S  |
| 250 g Brush-in-cap can sheet metal | 3081<br>D-GB-I-E-P     |
| 500 g Can plastic                  | 1829<br>D-NL-F-GR-ARAB |
| 1 kg Can sheet metal               | 4061<br>D-GB-I-E-P     |
| 1 kg Can sheet metal               | 1848<br>D-NL-F-GR-ARAB |

**Our information is based on thorough research and may be considered reliable, although not legally binding.**