

# RAVENOL Kupferpaste

**Kategorie:** Grease

**Artikelnummer:** 1340109

**Specification:** DIN 51502: KF1,5U-20, ISO 6743-9: ISO-L-XBGE1-2

**Application:** Passenger car, Truck



**0.09L | 1340109-090**

**0.1L | 1340109-100**

**180L | 1340109-180**

**RAVENOL Kupferpaste** is a lithium grease containing copper powder as a solid lubricant additive, anti-wear additives, and anti-corrosion properties. It is suitable for application to components which are exposed to high temperatures, strong pressures and corrosive influences.

**RAVENOL Kupferpaste** reduces friction and wear, and provides protection against corrosion and seizing.

**RAVENOL Kupferpaste** stops squeaks on disc brakes, protects against corrosion and settling of threads and bearings.

## Application Note

**RAVENOL Kupferpaste** is used in the automotive industry at disc brakes (brake pads) and exhaust systems, and in the chemical industry for flanges and fittings of hot steam treatment, turbines and boilers. It is also be used in the mining and quarrying industry to lubricate air hammers, concrete and stone drills.

**RAVENOL Kupferpaste** was also developed for the lubrication of screw and bushings in drill pipes.

**RAVENOL Kupferpaste** is suitable for high performance lubrication for easy installation and removal of valves, bearings, fittings, spark plug threads, exhaust screws, etc.. Operating temperature range: -20°C to + 1100°C.

## Characteristics

- Excellent shear stability
- Outstanding corrosion protection
- Very good mechanical and chemical stability
- Good adhesion to metal surfaces
- Good oxidation stability
- From 200°C, the mineral oil components evaporate and the solid
- lubricant remains at the lubricationpoint

## Technical Product Data

| PROPERTY                                | UNIT       | DATA                  | AUDIT       |
|---|------------|-----------------------|-------------|
| Colour                                  |            | kupferfarben          | VISUELL     |
| Thickener                               |            | Lithium-Komplekseifen | DIN 51757   |
| Additives                               |            | Kupfer                | DIN 51757   |
| NLGI-Class                              |            | 2                     | DIN 51818   |
| Product Classification                  |            | KF1,5U-20             | DIN 51502   |
| Working Temperature                     | °C         | -20 / +1100           | DIN 51825   |
| Short term temperature up to            | °C         | 1100                  | DIN 51757   |
| Worked Penetration at 60 Strokes        | mm/10/25°C | 265-295               | ISO 2137    |
| Corrosion (SKF Emcor dist. Water)       | Korr. Grad | 0/0                   | DIN 51802   |
| Copper Corrosion (24h/120 °C)           |            | 1B                    | DIN 51811   |
| Water Resistance (3h/90 °C)             | °C         | 1-90                  | DIN 51807-1 |
| VKA Pressure Carrying Capacity          | N          | 2400 - 2600           | DIN 51350-4 |
| Kinematic Viscosity (Base Oil) at 40 °C | mm²/s      | 130                   | DIN 51562-1 |

All indicated data are approximate values and are subject to the commercial fluctuations.

**Alle angegebenen Daten sind ca. Werte und unterliegen handelsüblichen Schwankungen.**

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