



## RAVENOL Kupferpaste



**SPECIFICATIONS** DIN 51 502: KF1,5U-20, ISO 6743 PART 9: ISO-L-XBGE1-2

**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.

**ART.-NR. 1340109**

90 g | 1340109-090  
180 Kg | 1340109-180

**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 Notes

**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

**RAVENOL Kupferpaste** offers:

- 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 lubrication point

Property	Unit	Data	Audit
Colour		kupferfarben	visual
Thickener		Lithium-Komplexseifen	-
Additives		Kupfer	-
NLGI-Class		1-2	DIN 51 818
DIN-Product-Classification		KF1,5U-20	DIN 51 502
ISO-Product-Classification		ISO-L-XBGE1-2	ISO 6743 P.9
Working Temperature	°C	-20 / +1100	DIN 51 825
Short Term up to	°C	1100	-
Worked Penetration 60 strokes	mm/10 bei 25°C	305-325	ISO 2137
Corrosion (SKF Emlcor dist. Water)	Corr. Degree	0	DIN 51 802
Copper Corrosion (24h/120°C)		1	DIN 51 811
Water Resistance (3h/90°C)	°C	1-90	DIN 51 807 T.1
VKA Pressure Carrying Capacity	N	2600 - 2800	DIN 51 350 T.4
Kinematic Viscosity (Base Oil)	mm²/s bei 40°C	130	DIN 51562-1

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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