



the lifeblood of your car



0.09 L | 1340109-090
180 L | 1340109-180

RAVENOL KUPFERPASTE

Category Grease

Item number 1340109

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

Application Passenger car, Truck

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 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 lubrication point

Technical Product Data

Colour	kupferfarben		VISUELL
Thickener	Lithium-Komplexseifen		DIN 51757
Additives	Kupfer		DIN 51757
NLGI-Class	1-2		DIN 51818
Product Classification	KF1,5U-20		DIN 51502
Working Temperature	-20 / +1100	°C	DIN 51825
Short term temperature up to	1100	°C	DIN 51757
Worked Penetration at 60 Strokes	305-325	mm/10/25°C	ISO 2137
Corrosion (SKF Emscor dist. Water)	0	Korr. Grad	DIN 51802
Copper Corrosion (24h/120 °C)	1		DIN 51811
Water Resistance (3h/90 °C)	1-90	°C	DIN 51807-1
VKA Pressure Carrying Capacity	2600 - 2800	N	DIN 51350-4
Kinematic Viscosity (Base Oil) at 40 °C	130	mm ² /s	DIN 51562-1

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

16.03.2022