



## Technical Datasheet

# **CU-1200** **Copper Grease**

### Description

KemKote Cu-1200 is a copper grease extremely suitable for the industry. CU-1200 is based on mineral oils added synthetic lubricants. The composition of oils and the high content of copper particles contribute to the golden coppercolour. CU-1200 does not contain any lead.

CU-1200 is suitable at high temperatures in a range from  $-40^{\circ}\text{C}$  to  $+1200^{\circ}\text{C}$ . Cu-1200 has a perfect resistance against water as well as salt and acid solutions. Furthermore, the protection against corrosion is complete in saturated salt solutions and in concentrations up to 10% HCL ( Hydrochloric acid).

Cu-1200 can be used at many different places in almost all kinds of industries, where high demands are made on the capabilities of the product.

KemKote Cu-1200 copper grease prevents seizure and decreases friction and wear. Cu-1200 protects parts exposed to high temperatures, high pressure and corrosive influences.

The repairs and maintenance is made easier, as the product is preventive and has excellent lubricating qualities at the same time.

KemKote copper grease can be used as both prevention and protection of bolts, nuts, studs, fittings and bushes. Cu-1200 can also be used at flanges, pivots, at centres of rotations and similar places exposed to high temperatures.



### Application

Cu-1200 is easily applied with a brush, a greasegun or automatic lubricating devices. To achieve the optimum result with Cu-1200 make sure to clean the parts from dirt and rust before adding the grease.

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*Important note: All information and technical data are based on tests which to our knowledge are correct and reliable. However, there are no guarantees. It is the responsibility of the user to make sure that the information is useable and complete in connection with the purpose in question.*

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INFORMATION



# CU-1200 Copper Grease

## Technical and physical data

Item no.:	80315	Cartridge	400 ml	
Item no.:	80320	Plastic can	500 ml	Weight 500 g
Item no.:	80330	Bucket	5 kg	
Item no.:	80340	Bucket	20 kg	
Colour	Golden coppercoloured.			
Contents of lead	0,0%.			
Appearance	Soft paste.			
Temperature range	-40°C to 1200°C.			
Solution resistance	Completely against water, saltsolutions and acidiferous water.			
Contents of water	0,0%.			
Corrosion protection	Completely in 10% HCl (Hydrochloric acid) and in saturated saltsolutions.			
Density	1,13 g/cm <sup>3</sup> .			
Flashpoint	243°C (I.P 34)	ASTM D93		
Dropping point	None.			
Heatresistant	1200°C.			
Solid-state components	Metallic particles of copper.			
Liquid base	Highly refined mineral oils and polybutene based synthetic lubricants			
Penetration	Unworked 310-340 mm/10 at 25°C. (I.P 50) DIN 51804			
4-Ball machine test	O.K last 4000 N. ASTM D 2266-67 (DIN 51350)			
Coefficient of friction	0,05			
Covering capability	About 8 m <sup>2</sup> /kg at 0,5 mm layer.			
Consistency	1 NLGI			
Thickener	Bentone			

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