

## Kopal 500

**Copper Based High Temperature  
Chisel Paste**

### Benefits :

- Stable under harsh conditions of heat, chemicals and water.
- High Film strength which prevents metal to metal contact.
- Reduces friction and wear caused by shock loading.
- Reduces friction and thereby reduces wear in high pressure sliding surfaces.
- Prevents scuffing, pick up and seizures during wearing in.
- Guards against rust, normal corrosion and fretting corrosion.
- Withstands high and vibrating load.
- Low co-efficient of friction.
- Solid lubricants include copper, graphite and other friction modifiers.

### Applications :

- For lubrication of chisel bushings on hydraulic hammer.
- For high temperature and corrosive atmospheres.
- For gears, racks, pinions, spline shafts, plain bearings, pivot joints, bushings, studs, bolts, nuts & other threaded parts.
- As a Live-Ring lubricant in cement plants.
- Industries include engineering, refinery, cement, steel, sugar, chemicals, petrochemicals, textiles, windmills, mining, offshore drilling and many others.

Characteristics	Test Method	Unit	Specifications
Appearance	Visual	–	Smooth Paste
Colour	Visual	–	Copper
NLGI Grade	–	–	# 2/1
Worked Penetration	ASTM D-217	0.1 mm	290 – 310
Operating Temperature Range	-	°C	-20/+1100

**Note** : For continuous temp. above 650°C, users are advised to carry out pretests before use.

**Caution** : Do not use as a bearing grease.

MSDS available on request.

Due to continual upgradation of products above data is subject to change without notice  
This supersedes our previously issued data sheets.

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