

### Kopal Cu 700

*High Temperature High Load  
Copper Paste*

**Benefits :**

- Reduces friction and thereby reduces wear in high pressure sliding surfaces.
- Prevents seizures at high temperatures.
- Eases dismantling and assembling during installation and maintenance.
- Special non melt base.
- Saves threaded parts from galling, distortion and breaking.
- Good protection against fretting corrosion.
- Resists rust & fresh and salt water corrosion.
- Low co-efficient of friction.
- Good adhesion to substrate

**Applications :**

- For slow moving and high load applications.
- For high temperature and corrosive atmospheres.
- For flange seals, screws, threaded parts, brake cams and others.
- Anti squeal lubricant for disc brakes.
- In vehicles transporting ladders.
- Industries include engineering, refinery, cement, steel, sugar, chemicals, petrochemicals, textiles, windmills, mining, offshore drilling and many others.

Characteristics	Test Method	Unit	Specifications
Appearance	Visual	–	Viscous Paste
Colour	Visual	–	Copper
NLGI Grade	–	–	# 1
Worked Penetration	ASTM D-217	0.1 mm	310 – 340
Dropping Point	ASTM D-2265	°C	None
Four Ball Weld Load	ASTM D-2596	N.	8000
Four Ball Wear Scar	ASTM D-2266	mm	0.60
Copper Strip Corrosion Test	ASTM D-4048	rating	1a
Solid Lubricant	–	–	Copper
Operating Temperature Range	–	°C	-30/+650

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.

[REV.2/ 01.01.14]