

Kopal

Copper Based High Performance Antiseize Compound



YOUR 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.
- Prevents scuffing, pick up and seizures during wearing in.
- Saves threaded parts from galling, distortion and breaking.
- Guards against rust and corrosion.
- Resists fresh and salt water corrosion.
- Low co-efficient of friction.
- Meets 'break away' torque requirements of MIL-A-907E.
- Good brushability.

APPLICATION

- For slow moving and high load applications.
- For high temperature and corrosive atmospheres.
- For gears, racks, pinions, spline shafts, plain bearings, pivot joints, 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.

Caution: Do not use as a bearing grease



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CHARACTERISTICS	TEST METHOD	UNIT	TECHNICAL VALUES
Appearance	Visual	-	Smooth Paste
Colour	Visual	-	Copper
NLGI Grade	-	-	# 2/1
Worked Penetration	ASTM D 217	0.1 mm	290 – 310
Four Ball Weld Load	ASTM D 2596	Kgs	400
Copper Strip Corrosion Test	ASTM D 4048	Rating	1a
Surface Area Coverage [approx.]	*CTM	m ² /kg.	45
Solid Lubricant	-	-	Copper
Operating Temperature Range			
Base Oil – °C -30/+150	-	°C	-30/+150
Solid Lubricants	-	°C	-30/+1100

*CTM =Corporate Test Method

The values quoted above are typical and do not constitute a specification.

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

INDUSTRY:

Cement, MRO, Plastic,
Moulding, Steel

PACK SIZE:

1 kg / 5 kg / 20 kg Bucket

SHELF LIFE:

24 Months

Marginal variation in shade can be expected from batch to batch. The color has no effect on the lubricating properties of the product. 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.

Information and data given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of a product for a particular use is beyond our control; all risks of use of the product are assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE.