

Copper 1000

Antiseize Grease



Copper 1000 is a superior, antiseize and extreme pressure lubricant formulated to protect metal parts against rust, corrosion and seizure. Fine metallic and graphite particles in special grease protect parts even in high heat, high pressure and corrosive environments.

APPLICATIONS

- In extreme condition of high temperature and corrosive environment.
- For gears, racks, pinions, spine-shafts, plain bearings, pivots, joints and threaded parts.
- Where movements are slow and pressure loads are high.
- For industries like cement, steel, engineering, fertilizers, etc.

Other Applications

- Nuts, bolts, screws
- Taps and drills
- Pump mountings
- Packing glands
- Chain drives
- Metal fittings
- Valve assemblies
- Shafts
- Pipe fittings
- Gaskets
- Boom guides
- Press fit assemblies

ADVANTAGES

- Keeps parts working longer with less wear.
- Minimizes parts replacement costs.
- Enables faster disassembly when repairs are needed—even after exposure to high temperatures.
- Protects against carbon fusion.
- Resists alkaline solutions, most chemical and acid vapours, road salt, steam, salt water, iodized water.
- Prevents galling on steel to stainless steel, titanium, magnesium, and other hard metals.

Test Parameter	Test Method	Value
Appearance	Visual	Buttery
Color	Visual	Copper color
Thickener		In Organic Based
Base Oil Viscosity at 40°C, mm ² /s	EN ISO 3104	1000
NLGI Grade	ASTM D217	2
Operating Temperature Range		-20 to 1200 Celsius
Solid Lubricants		MOS ₂ , Graphite, Zinc & Micronized Copper
Dropping Point	ISO 6299	None
Water Washout Test at 79°C, wt.% loss	ISO 11009	2% Maximum
Four Ball Test IP-239		3500 N/Cm ²

