



OPUS LUBRICANTS PRODUCT DATA

COPPER ANTI SEIZE

Description

Copper Anti Seize is a lead free multi purpose anti-seize compound for all types of threaded connections. It is suitable for use, as an anti-seize up to 1100°C and will protect against seizure due to corrosion and chemical attack. Typical applications include pipe fitting and valves in the chemical and petrochemical industries, gas refineries and oil drilling equipment. Copper paste has also found limited use in wide tolerance anti-friction and plain bearings, such as for kiln car lubrication at extreme temperatures.

Benefits

- Prevents seizure and galling during assembly and therefore reduces assembly time
- Enables the easy dismantling of component subjected to high temperatures
- Provides an effective anti-seize in saturated conditions, including chemical environments and salt water
- Enables fast and easy dismantling of components, allowing them to be reused after dismantling

Method of Application

Apply sparingly by brush to the threaded components prior to assembly. For optimum performance, ensure that both threaded surfaces is completely coated

Typical Physical Properties

Appearance	• Smooth compound
Colour	• Copper Coloured
NLGI Classification	• 1/2
Thickener	• Non soap
Dropping Point (IP50)	• Non melting
Salt water corrosion:	• 20 Hrs @ 25°C on sheet steel
Worked Penetration	• 280 – 320
Electrical Conductivity	• Excellent
Lubricating Solid Content %	• 18
Anti- seize temperature range	• -30°C to 1100°C
Coefficient of Friction	• 0.12

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