

COPPER ANTI-S

Assembly -and anti-seize copper paste

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Rev. 0

DESCRIPTION & APPLICATIONS

COPPER ANTI-S is a complex organo-metallic copper paste with very diverse applications. It is a lubricant and anti-seize paste for parts subjected to high loads and / or high temperatures. It is free from soap grease, silicones, lead and nickel.

LUBRICATION and protection of parts such as slow movements:

- coke ovens: shutters, safety valves,...
- blast furnaces: insufflation valve, burner valves, shut-off ovens, tipping wagon, control mechanisms chains.
- continuous casting systems: Distribution rotating nozzles, gears, gearboxes, rotor-bearing, housing guides, screw anchors, threaded rods, nuts of the rotary unit pocket.
- parts of injection and plastics extrusion machines subjected to high temperatures.
- roller bearings on rubber manufacturing equipment; levels mixers.
- mechanisms of control and regulation of boilers and steam turbines.
- exhaust manifolds.

Protection and ASSEMBLY:

Metal surfaces (bolts, sliding parts, pens, markers, etc.) which are exposed to particularly high temperatures or subjected to an industrial corrosive environment.

Mounting rail and marine diesels. Mounting of moving parts in direct contact with seawater.

ADVANTAGES

- The scope of COPPER ANTI-S is particularly large. Used as a lubricant from -20 to +200 °C. Used as anti-seize agent until +1100 ° C.

ENVIRONMENT, HEALTH & SAFETY

Please consult also the Safety Data Sheet about how to manipulate and to stock the product as well as to learn about the first aid measurements in case of accident.

Elimination after use must be made in conformity with the local rules in force about used greases disposal.

When needed, Safety Data Sheet can be obtained upon request.

Conservation of the product: 3 year(s) in closed container and sheltered.

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PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
Color	-	-	copper
NLGI-grade	-	ASTM D 217	2
Dropping point	°C	NFT 60102	none
Application temperature	°C	-	-20 to +200
Application temperature	°C	-	+1100 as anti-seize
Content of insolubles	%	-	18
Coefficient of friction	Fretting Wear Test	SRV	0,12

The average values are given for information only.