

CUPROMIX

LEAD FREE ANTISTICKING PASTE WITH COPPER FOR METALLIC ASSEMBLY



APPLICATIONS

CUPROMIX is an assembly lubricant composed of a Benton grease, in which extremely fine particles (<160 µm) of copper are dispersed. She forms on the threaded parts a protective film, which fixes like a seal and actually protects against corrosion.

At high temperatures, **CUPROMIX** is recommended to lubricate : threads, turbo-compressors, oven transport systems, ventilators, steam valves, steam drive flange bolts, turbines, cylinder heads and engine exhaust collectors, brake pads and linings.

CUPROMIX can be also used in corrosive conditions to lubricate different components of agricultural engines, lifting machines and in chemical industry.

BENEFITS

CUPROMIX has excellent lubricating properties. At assembly and disassembly, the metal-metal contact is avoided even at high pressures, so that parts remain unchanged. Even after long exposures to high temperatures or corrosive conditions, **CUPROMIX** keeps its lubricating properties, so that in all circumstances threaded parts can be unscrewed easily. Thus, the costly oxy-gas cutting of bolts and nuts is useless.

Parts treated with the **CUPROMIX** paste are neither attacked by corrosion nor damaged during disassembly, and then they can be used again, which represents a substantial saving.

CUPROMIX presents following qualities:

- avoids seizure which allows an easy assembly
- protection against corrosion which allows an easy disassembly
- possibility to reuse the disassembled parts
- very good electric conductivity
- temperature of use: -30°C to +1100°C in static and from -30°C to +300°C for slow movements.
- its packaging in plastic boxes of 0.5 kg with following tray is particularly adapted to protect the paste from exterior pollutants and then avoids the wasting of the stored product.

CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
Consistency	NLGI grade	NF T 60-506	1
Soap			Bentonite clay
Base oil			Mineral Oil
Kinematic viscosity at 40°C	mm ² /s	ATSM D 7152	540
Colour	-	Visual	Dark coppery
Penetration at 25°C after 60 strokes	1/10 mm	NF T 60-132	310-340
Drop point	-	NF T 60-102	Without
Temperature of use	°C	-	-30 / +1 100

This typical data is given for information only

HEALTH, SAFETY AND ENVIRONMENT

Elimination must be made conforming to the rules set for the disposal of used lubricants.

Must be stored away from bad weather.