

COPAZ-B2 (Copper Anti-Seize Compound)

DESCRIPTION

COPAZ-B2 anti-seize compound is a copper based anti-seize paste reinforced with graphite and molybdenum disulphide to further enhance its performance particularly in applications where conventional copper based anti-seize products may fail to perform. **COPAZ-B2** anti-seize compound contain small dosage of synthetic (PAO) ester additive, special white solid lubricants Mox-Active (Organo Molybdenum Complex) a German technology improvement additive creates a passive film on friction surfaces before friction occurs, optimum wear protection and an extremely low coefficient of friction even under extreme pressures, vibrations & heavy shock loads. **COPAZ-B2** anti-seize compound is a superior, anti- seize 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.

FEATURES AND BENEFITS

- It has an operating temperature resistance of -20°C to +1200°C.
- Keep parts working longer with less wear and protects against carbon fusion.
- Minimizes parts replacement costs
- Enables faster disassembly when repairs are needed—even after exposure to high temperatures.
- Resists alkaline solutions, most chemical and acid vapors, road salt, steam, salt water, iodized water and Prevents galling on steel to stainless steel.

APPLICATION

- Suitable for bolted joints that are subjected to high temperatures up to 1200°C (1900°F) and to corrosive effects, and which, after assembling and the initial operation, have to be re-tightened or disconnected. In order to ensure constant pre-stressing forces, uniform and steady coefficients of friction of the lubricant are necessary. Used successfully for cylinder head bolts, nozzle head screws of plastic, Furnaces, Exhaust system, Dockside and Oil rig applications.
- Injection molding machines, bolted joints in the chemical industry, tension rings of centrifuges.

PROPERTIES

Characteristics	Specifications
NLGI	2
Colour	Dark coppery colored paste
Appearance	Buttery
Base oil & Viscosity	Mineral & 1000 cst
Thickener	Special Metal Complex
Solids	MOS2 , Graphite & Micronized Copper, PAO ester & Mox-Active (Organo Molybdenum Complex)
Solid Contents	Approximately 37%
Temperature Range °C	-20°C to +1200°C.
Drop Point °C	+320
4 Ball Weld Test	+800
Water solubility	insoluble
Water Washout	1% max

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