



NEUTRON 1200 Co

Copper Based Anti-Seize Compound

PRODUCT DESCRIPTION

NEUTRON 1200 Co is a Copper based Anti -Seize compound which provides a shield against high temperature seizing and galling. Studs, bolts, flanges, gaskets--all mated parts remove more easily and in cleaner, better condition, in typical dry service temperatures from -29 to +1400°C (-20 to +2552°F). Neutron 1200 Co can be used on copper, brass, cast iron, steel, all alloys including stainless steel, all plastics and all non-metallic gasketing materials. Specifications: conforms to the performance requirements of MIL-PRF-907E.

TYPICAL APPLICATIONS

- Original Equipment and Maintenance - bolts, bushings, pipes, fittings, flanges, gaskets, headers, lathe ways, manifolds, nuts, packing, press-fits, plugs, screws, studs, tappings, threaded surfaces, wire rope, adjusting screws, broaching tools, castings, catalytic crackers, condensers, coolers, couplings, cylinders heads, drawing, extruding and forming dies (metals or plastics), drill collars, drive chains, forging dies, friction rings, fuel nozzles, gas burners, handhole studs, heat exchangers, lathe centers, manhole studs, pivots, pumps, rock drills, splines, tool joints, tubing, valve retaining rings, valve shoes and well pumps.
- Petro Chemicals - high temperature compressor heads, threaded connections, pump housings, flanges, studs, stainless steel assemblies, "cat" cracker, heat exchangers, compressor heads, autoclaves.
- Steel Mills - crane assemblies over soaking pit, ingot stripper tongs, cooking oven faceplate, manhole studs.
- Power Plants - turbine studs, inlet header assemblies, cylinder head and exhaust manifold studs, steam lines, valves, coal crushers.
- Marine - boiler handhole and manhole cover plate studs, flange bolts on pumps, steam lines, valves.
- Foundries - core molding, shell molding and cast molding equipment, cupola louvers.

Limitations:

- Contains petroleum--do not use in oxygen service.

DIRECTIONS FOR USE

1. Clean mating surfaces before application
2. Note--when grinding or wire brushing, use dust mask. Dust from cleaning threads may contain metal compounds. Inhalation may cause lung injury or other harm.
3. Apply thin coating to threads and flats or nuts and bolts,

TYPICAL PROPERTIES

Appearance :	Copper Paste
Specific gravity :	1.30
Vapor density :	Heavier than air
Evaporation rate :	Slower than ether
Vapor pressure :	Less than 5 mm Hg
Solubility in water :	Insoluble
pH :	Not applicable
Consistency :	No. 1 to 2 N.L.G.I. Classification

NEUTRON FLUID & COMPOUNDS DIVISION

Value shown here are typical and may vary. NEUTRON FLUID & COMPOUNDS DIVISION reserves the right to change or modify this product for purpose of improving its performance characteristics.