

## SUPERIOR KOPPER PRO CHISEL PASTE AND THREAD COMPOUND

Superior Kopper PRO is a low-friction, anti-seize lubricant manufactured from a combination of micro-size copper flakes and graphite, dispersed in a water-resistant grease and fortified with antioxidants, plus rust and corrosion inhibitors. Superior Kopper PRO contains a patented EP additive to provide extra protection no other compound can offer.

Kopper PRO provides a shield against metal-to-metal contact, thus preventing seizure and corrosion. Its ingredients create an effective matrix between mated surfaces and are unaffected by contraction or expansion. It fills irregularities and imperfections and resists welding, hardening or setting. Kopper PRO provides low friction and cushions impact and shock loads. Low shear between particles reduces stick-slip, allowing quick disassembly with minimum wrench torque. It will not squeeze out of the threads, gum up or wash off.

Kopper PRO has no equal in temperature services up to 1,800°F (982°C). Fittings that are heated red hot, then allowed to cool, can quickly be disassembled without seizure or distortion. Kopper PRO is recommended for production and maintenance jobs where speed in assembly and disassembly is important. It assists in reducing downtime and provides full use of machinery and equipment, saving valuable man-hours while increasing production.

### BENEFITS:

- LEAD-FREE - environmentally safe.
- PROTECTION - protects against seizure, heat-freeze, galling, rust and corrosion.
- LOWERS FRICTION - reduces wrench torque.
- ECONOMICAL - permits reuse of fittings; saves stud, bolt and nut replacement.
- REDUCED MAINTENANCE COSTS - speeds assembly and dismantling.
  - STABILITY - not affected by contraction, expansion or vibration.
- NOT RUNNY - will not run, drip, or settle out.

### APPLICATIONS:

Lubrication of hydraulic and pneumatic hammer guides. Protects drill rod threaded joints and facilitates disassembly. Protection of threaded fasteners.

**Note: Not for use on oxygen lines.**

ASTM #	TYPICAL CHARACTERISTICS	
	<b>Grade</b>	1
<b>D-217</b>	<b>Cone Penetration (Worked)</b>	310 - 340
<b>D-2265</b>	<b>Dropping Point, °F (°C)</b>	570 (300)
<b>Gardner Method</b>	<b>Density, lb/gal @ 60 F 15.5°C</b>	10.00
	<b>Specific Gravity, g/cc @ 15.5°C</b>	1.200
	<b>Thickener Type</b>	Non-Metallic Complex
<b>D-2596</b>	<b>Four Ball EP, Weld Point, Kg</b>	800
<b>D-1743</b>	<b>Rust Test</b>	Pass
	<b>Temperature Range °F (°C)</b>	0 (-18) to 2,000 (1,100)

The above are typical values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

**UNOTECH®**

Brazil: 55 11 2164.3999

USA: 832-491-8873

[commercial@unotech.com.br](mailto:commercial@unotech.com.br)

[unotech.com.br](http://unotech.com.br)