



AO-730 COMPOUND

RichardsApex AO-730 CPD is a water soluble, moderately alkaline liquid recommended as a metal surface protection additive in copper wax coating and copper hot rolling applications. The product contains corrosion inhibitors and antioxidants that adhere to the metal surface and prevent copper and copper alloys from oxidizing and steel surfaces from pitting.

BENEFITS:

- **Improves roll life and rod surface quality in copper hot rolling applications**
- **Non foaming and produces a continuously adherent film on metal surfaces**
- **Prevents water spotting and copper surface corrosion**
- **Improves storage time of coated rod/wire**

RECOMMENDED USES:

AO-730 may be used as an additive to copper wax coating, quench and protective solutions. An addition of 0.1% - 0.2% by volume will greatly improve storage time and prevent oxidation

For use as an additive in hot copper rolling applications, **AO-730** will inhibit roll pitting resulting in both improved roll life and surface quality of the copper rod. An initial treatment dosage of 3.8 liters per 3,500 liters (1 gallon per 1,000 gallons) is required with subsequent daily additions of 4 liters (1 gallon) per 20,000 liters (5,000 gallons) being required to maintain a system concentration of 250 to 350 ppm.

TYPICAL SPECIFICATIONS:

Specific Gravity - 1.09 g/l (9.1 lbs/gal)

pH of a 5% solution – 10.9