



QA4 COMPOUND

RichardsApex QA4 is a soluble oil recommended for use as a quench additive in the continuous annealing of non-ferrous wires. The product contains a unique blend of corrosion inhibitors, wetting agents and lubricity additives that are tolerant of hard water conditions and afford the user long tank life with low foam.

Benefits

High active lubricant content equates to economical use

Stable and low foaming while offering long tank life

Prevents water spotting and copper surface corrosion

Easily mixed in room temperature water

Tolerant of hard water or water of less than ideal quality

Assist in preventing pressure welding of spooled wire

Recommended Uses

For use in copper wiredrawing machines with continuous annealing equipment, QA4 is recommended between 0.8 - 1.2 % by volume.

For use in continuous annealing equipment processing aluminum wire, QA4 should be used between 2.0 - 5.0% by volume. Higher concentrations may be desirable if an oily residual is required to provide lubrication for stranding.

For use in the water seals of batch annealing equipment for spooled copper wire. Can be added continuously to the water seals at a concentration of approximately 0.5%.

Specifications

Density	0.92 kg/L	7.71 lbs/gal
pH of a 3% DI solution	8.3	