



SK1 COMPOUND

RichardsApex SK1 is a fully synthetic, mineral oil free lubricant recommended for the continuous hot rolling of copper rod. SK1 is formulated to produce a low foaming, clear solution, which is stable in a wide variety of water qualities. SK1 also provides the cooling, lubricity and anti-wear characteristics required to provide superior roll life. Effortless filtration produces a dry cake on filter media vastly improving the capability of paper-based filtration systems. Improved wetting characteristics aid particle dropout for customers who rely on drag-chain removal of copper fines.

Benefits

Mineral-oil free total synthetic

Superior roll life protection due to high quench rate of solution

Resistant to microbial degradation

Minimal reactivity to copper fines promotes efficient filtration

Stable in broad range of water qualities

Compatible with alcohol and non-alcohol reducing agents

Low foaming properties

Contains ferrous and nonferrous antioxidants

Recommended Uses

SK1 is recommended at a concentration of 1% - 4% by volume in the roughing and finishing mill tanks.

SK1 typically operates at temperatures ranging from 35 - 55°C (95 - 130°F).

Specifications

Density	1.10 kg/L	9.17 lbs/gal
pH of a 3% solution	9.0 – 10.0	
pH (Neat)	9.5 – 10.5	