



SK40 COMPOUND

RichardsApex SK40 is a low-reactivity, mineral oil-free, fully synthetic lubricant recommended for the hot rolling of copper rod. SK40 is formulated to produce a low foaming, pH buffered true solution that is stable in a wide variety of water qualities. SK40 provides the cooling, lubricity and anti-wear characteristics required to provide superior roll life. The solution is readily filterable due to its low reactivity to copper fines and high detergency properties.

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

SK40 is recommended at a concentration of 1% - 4% by volume in the roughing and finishing tanks.

SK40 typically operates at temperatures ranging from 35 - 55°C (95 - 130°F).

Should additional oxide reduction be required, a RichardsApex HRM series product would be recommended. For the most effective fines removal, consult your RA representative for the appropriate paper media selection.

Specifications

Density	1.06 kg/L	8.8 lbs/gal
pH of a 3% solution	8.6	