

PRODUCT DATA



www.RichardsApex.com

Phone: 215-487-1100

SK-40 COMPOUND

RichardsApex SK-40 CPD is a low-reactivity, mineral oil-free, fully synthetic lubricant recommended for the hot rolling of copper rod. **SK-40** is formulated to produce a low foaming, pH buffered true solution that is stable in a wide variety of water qualities. **SK-40** 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:

SK-40 is recommended at a concentration of 1% - 4% by volume in the roughing and finishing tanks.

SK-40 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.

TYPICAL SPECIFICATIONS:

Specific Gravity - 1.06 kg/l (8.8 lbs/gal)

pH of a 3% solution – 8.6