

## PRODUCT DATA



www.RichardsApex.com

Phone: 215-487-1100

## SK-1 COMPOUND

**RichardsApex SK-1 CPD** is a fully synthetic, mineral oil free lubricant recommended for the continuous hot rolling of copper rod. **SK-1** is formulated to produce a low foaming, clear solution, which is stable in a wide variety of water qualities. **SK-1** 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:

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

**SK-1** typically operates at temperatures ranging from 35 - 55°C (95 - 130°F).

### SPECIFICATIONS:

|                 |            |
|-----------------|------------|
| Density (g/mL): | 1.10       |
| pH (Neat):      | 9.5 – 10.5 |
| pH (3%, DI):    | 9.0 – 10.0 |