

PRODUCT DATA



www.RichardsApex.com

Phone: 215-487-1100

SK-12 COMPOUND

RichardsApex SK-12 CPD is a low-reactivity, mineral oil-free, fully synthetic lubricant recommended for the hot rolling of copper rod. **SK-12** is formulated to produce a low foaming, pH buffered micro emulsion that is stable in a wide variety of water qualities. **SK-12** provides excellent lubricity and quenching properties that result in superior roll life protection and is easily filterable due to its low reactivity to copper fines.

BENEFITS:

- **Mineral-oil free total synthetic**
 - **Superior roll life protection due to high quench rate of emulsion**
 - **Resistant to microbial degradation**
 - **Minimal reactivity to copper fines**
 - **Stable in broad range of water qualities**
 - **Compatible with alcohol and non-alcohol reducing agents**
 - **Low foaming properties**
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RECOMMENDED USES:

SK-12 is recommended at a concentration of 1 - 6% by volume in the roughing and finishing tanks.

SK-12 will reject tramp oil contamination, therefore filtration and skimming is suggested. Typical operating temperature should be 38 - 43°C (100 - 110°F).

Should additional oxide reduction be required, a **RichardsApex HRM series** product would be recommended.

TYPICAL SPECIFICATIONS:

Specific Gravity - 1.04 kg/l (8.7 lbs/gal)

Active Lubricant Content - 72%

pH of a 3% solution - 9.5