



HRAL COMPOUND

RichardsApex HRAL is a soluble oil form lubricant recommended for use in the continuous, hot rolling of copper rod. HRAL contains no alcohol, is compatible with water-soluble reducing agents, and forms an emulsion with superior mill detergency properties.

Benefits

Loose emulsion exhibits excellent wetting for roll protection

Mixes easily in water with moderate agitation

Alcohol-Free

Long-time industry standard with a proven track-record

Recommended Uses

	<i>Concentration</i>
Roughing Mill	2% - 3% Fat Concentration
Finish Mill	2% - 6% Fat Concentration

Specifications

Density	0.90 kg/L	7.5 lbs/gal
pH of a 3% solution	9.8	