



FWD1 COMPOUND

RichardsApex FWD1 is a synthetic lubricant formulated for the wet drawing and rolling of ferrous metals. The combination of extreme pressure additives and synthetic lubricity agents produce a solution with the cleanliness and stability required for ferrous drawing applications where residual dry drawing lubricant contamination is likely.

Benefits

Produces an exceptionally clean finish surface
Maintains clean machines and systems
Resistant to dry lubricant contamination
Improved cooling and fines removal when compared with neat or soluble mineral oils
Excellent stability in all water types and resistant to microbial contamination

Recommended Uses

Recommended for wet drawing fine steel wire at a concentration of 5 to 10% volume in water.
Recommended for wet drawing intermediate steel wire (.062 diameter) at a concentration of 5 to 15% by volume in water.
Recommended for rolling on all grades of carbon steel at a concentration range of 5 to 10% by volume.

Specifications

Density	1.04 kg/L	8.7 lbs/gal
pH 3% solution in DI	8.1	