

PRODUCT DATA



www.RichardsApex.com

Phone: 215-487-1100

FWD-1 COMPOUND

RichardsApex FWD-1 CPD 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**
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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.

TYPICAL SPECIFICATIONS:

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

Active Lubricant Content - 44%

pH of a 3% solution - 8.1