

PRODUCT DATA



www.RichardsApex.com

Phone: 215-487-1100

TCS-58 COMPOUND

RichardsApex TCS-58 CPD is a water-soluble oil formulated for the wet drawing of all grades of fine carbon steel wire. The unique combination of synthetic emulsifiers, natural soaps, and a non-corrosive, extreme pressure additive produces a solution that exhibits the cleanliness and stability associated with synthetics, while affording the slip and lubrication properties generated by natural soaps.

BENEFITS:

- **Produces an exceptionally clean finish surface**
- **Maintains clean machines and systems**
- **Resistant to dry lubricant contamination**
- **Easily filterable**
- **Recommended for use in both spray and submerged capstan equipment**

RECOMMENDED USES:

High and low carbon wire
Copper coated welding wire
Hot dip and electro-galvanized wire
Phosphated high carbon wire

Recommended for all fine steel wet drawing at a concentration of 2.5% to 5% total fatty matter in water.

TYPICAL SPECIFICATIONS:

Specific Gravity - 0.92 kg/l (7.7 lbs/gallon)
Active Lubricant Content - 98%
pH of a 3% solution - 8.0