



## **RA-500 COMPOUND**

**RichardsApex RA-500** is a water-miscible, nonferrous wire drawing lubricant recommended for drawing a universal range of sizes from rod to intermediate to fine wire. **RA-500** is designed to draw copper and aluminum alloys, nickel-plated copper and other difficult nonferrous alloys in rod breakdown, multi-wire, and single wire machines.

### **BENEFITS**

- **Superior stability**
- **Excellent lubricity**
- **Ability to draw difficult nonferrous alloys**
- **High detergency with low foam**
- **Suitable for use in varied water quality and hardness**

### **RECOMMENDED USES**

<b>Copper, Aluminum Alloys</b>	<b>Concentration (Babcock)</b>
Rod and heavy wire	8% - 14%
Multi-wire - intermediate	6% - 12%
Single - fine wire	3% - 6%
<b>Nickel Plated Copper</b>	
Nickel plated copper	6% - 12%

### **TYPICAL PROPERTIES**

Specific gravity	0.98
pH of a 3% solution	8.0
Operating temperature	35° to 45°C