



“S” SERIES COMPOUNDS

RichardsApex “S” Series of compounds are semi-synthetic liquid concentrates formulated for drawing copper in rod, intermediate and fine sizes. The **“S” Series** is equally well suited for drawing tinned copper. These products contain quality lubricity additives, emulsifiers, inhibitors, and a biocide.

BENEFITS:

- **Excellent lubricity properties**
- **Low lubricant consumption**
- **Exceptionally clean running**
- **Low foaming**
- **Easily filterable**
- **Resistant to microbial degradation**
- **Improved non-reactivity to metals contamination**

RECOMMENDED USES:

| <u>Copper and Copper Alloy Wire</u> | <u>Concentration (Babcock)</u> |
|--|---------------------------------------|
| Rod and Heavy Wire | 6 -10% |
| Intermediate (Multiwire) | 5 - 8 % |
| Intermediate (Single Wire) | 4 - 6% |
| Fine Size | 2 - 4% |

TYPICAL SPECIFICATIONS:

| <u>Product</u> | <u>pH</u> | <u>Total alkalinity (%)</u> | <u>Wt./Gal</u> | <u>Active Lube Content (%)</u> |
|-----------------------|------------------|------------------------------------|-----------------------|---------------------------------------|
| S-108D | 9.5 | 15.0 | 8.0 | 97 |
| S-110 | 9.5 | 8.0 | 7.8 | 90 |
| S-120 | 9.2 | 10.0 | 7.8 | 85 |