



## TOWERPRO 5420

**TOWERPRO 5420** is a high lubricity, synthetic emulsion lubricant developed for deep drawing brass & copper alloys as well as ferrous metals. It provides excellent corrosion and stain protection for these metals. **TOWERPRO 5420** is made from materials that do not attack cobalt or nickel. **TOWERPRO 5420** forms stable emulsions in hard waters up to 500 ppm CaCO<sub>3</sub>. It has sufficient detergency to flush metal fines and debris from the tooling as it runs. Residues of **TOWERPRO 5420** will remain soft and readily resolubilize making for easy cleaning. It is suitable for recirculating flood systems and will reject tramp oils.

### USAGE

**TOWERPRO 5420** is diluted with water and typically run at concentrations of 2:1(33%) thru 15:1 (6%). To ensure a stable emulsion, always add the concentrate to water with agitation.

### PHYSICAL CHARACTERISTICS

Density	1.00 g/ml 8.37 lbs/gal
Appearance	Clear Light Brown Liquid
Odor	Bland
pH @ 5% Dilution	Typically 9.0
Refractive Index Factor	1.12 x RI = Vol %

### BENEFITS

- **Non-Hazardous, No Pictograms on The Label**
- **Does Not Contain Any Petroleum Oils**
- **Does Not Contain Chlorine or Sulfur**
- **Excellent Stain Protection for Copper, Brass, And Steel**
- **Cleans Easily in Low Temperature Water Based Solutions**
- **Forms Stable Emulsions in a Wide Variety of Waters**
- **Compatible for Use on Carbide Tooling**
- **Parts Run Clean with a Non-Sticky Residue**

### TECHNICAL SUPPORT

**TOWER** wants to assist you in evaluation and selection of suitable products. We urge you to take advantage of this service. This information sheet and our assistance, however, are not a substitute for your own testing and evaluation. 19078