



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 CaCO₃. 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 8.27 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

This is a Proprietary product. 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 TOWER's assistance, however, are not a substitute for your own testing and evaluation.