



# TOWERPRO 5840

**TOWERPRO 5840** is a high lubricity, semi-synthetic lubricant developed for deep drawing brass and copper alloys, and ferrous metals. It provides excellent corrosion and stain protection for these metals. **TOWERPRO 5840** is made from materials that do not attack cobalt or nickel. **TOWERPRO 5840** forms stable emulsions in hard waters up to 350 ppm CaCO<sub>3</sub>. It has sufficient detergency to flush metal fines and debris from the tooling as it runs. Residues of **TOWERPRO 5840** will remain soft and readily resolubilize making for easy cleaning. It is suitable for recirculating flood systems and will reject tramp oils.

## USAGE

**TOWERPRO 5840** is diluted with water and typically run at concentrations of 2:1 (33%) thru 19:1 (5%). To ensure a stable emulsion, always add the concentrate to water with agitation.

## PHYSICAL CHARACTERISTICS

Density	1.06 g/ml 8.8 lbs/gal
Appearance	Clear Dark Brown Liquid
Odor	Bland Petroleum
pH @ 5% Dilution	Typically 9.45
Refractive Index Factor	0.98 x RI = Vol %

## BENEFITS

- **Non-Hazardous, No Pictograms on The Label**
- **Does Not Contain Chlorine**
- **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**
- **Has High Lubricity For Extended Tool Life**
- **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.