



# Tower Oil & Technology Co.

## TOWERPRO 5851-E

**TOWERPRO 5851-E** is a heavy duty, emulsifiable, metal forming lubricant formulated for use on applications requiring chlorine-free chemistry. It is effective on multi-stage forming, piercing, drawing, deep drawing operations that previously required highly chlorinated lubricants. **TOWERPRO 5851-E** uses technically advanced additive technology, having unique characteristics, producing a high strength lubricating film on metal surfaces. It provides excellent tool life without the use of chlorinated extreme pressure additives. **TOWERPRO 5851-E** leaves a light non-sticky film that provides in-process rust protection.

### USAGE

**TOWERPRO 5851-E** can be used as a straight concentrate, or at dilutions up to 19:1 (5%) with water. Always add the *concentrate to water* with agitation. It forms an emulsion that resists bacterial attack, foul odors, and it is low misting. **TOWERPRO 5851-E** is used on ferrous metals, high strength alloys, stainless steel, and aluminum. It can be applied by airless spray, roll coater, and drip methods. **TOWERPRO 5851-E** is easy to remove in aqueous cleaning systems using an alkaline cleaner such as **TOWERKLENE 42-A**.

### PHYSICAL CHARACTERISTICS

Density	0.96 g/ml 8.0 lbs./gal
Appearance	Amber Liquid
Odor	Mild Petroleum
pH @ 10%	9.0
Refractive Index Factor	1.1 x Refractive Index = Vol %

### BENEFITS

- **Contains No Hazardous Ingredients**
- **Performs Heavy Duty Metal Forming Operations**
- **Does Not Contain Chlorine**
- **Reduces Metal Pickup and Improves Part Quality**
- **Leaves a Light Non-Sticky Residue**
- **Provides Excellent In-Process Rust Protection**
- **Cleans Easily in Alkaline Solutions**

### 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 **TOWER**'s assistance, however, are not a substitute for your own testing and evaluation. 16122