



# 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, and 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 In-Process Rust Protection**
- **Cleans Easily in Alkaline Solutions**

## 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.