



# TOWERPRO 7829-E

**TOWERPRO 7829-E** is a heavy-duty, multi-purpose, emulsifiable metal forming lubricant designed for use on ferrous metals and stainless steels. TOWERPRO 7829-E is effective on operations that include punching, multi-stage forming, drawing, and deep drawing. TOWERPRO 7829-E produces a high strength film on metal surfaces and exhibits exceptional extreme pressure characteristics that allow it to lubricate tough applications.

## USAGE

**TOWERPRO 7829-E** can be used as a straight concentrate, or at dilutions up to 15:1 with water. Always add the concentrate to water with agitation. This mixing procedure produces a coarse white emulsion that provides cooling and a very low coefficient of friction (COF) between the tool and part being formed. **TOWERPRO 7829-E** can be applied in minimal amounts through airless spray systems, roller coater, or drip methods. It can be cleaned in aqueous cleaning systems using an alkaline cleaner like **TOWERKLENE 42-A**.

## PHYSICAL CHARACTERISTICS

Density	1.08 g/ml 9.04 lbs./gal
Appearance	Amber Liquid
Odor	Mild Petroleum
pH @ 5%	Typical 9.4
Refractive Index Factor (on fresh mixture)	0.94 x RI = Vol%

## BENEFITS

- **Is Non-Hazardous, No Pictograms on The Label**
- **Reduces Metal Pickup and Improves Part Quality**
- **Performs Heavy Duty Operations at Extended Dilutions**
- **Provides In-Process Rust Protection**
- **Performs a Wide Range of Operations**
- **Cleans in Water Based Systems**
- **Replaces Straight Compounded Oils**

## 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.