



Tower Oil & Technology Co.

TOWERPRO 7725-E

TOWERPRO 7725-E is a versatile, heavy duty, multi-purpose emulsifiable metal forming lubricant designed for use on ferrous metals, high strength alloys and stainless steels. **TOWERPRO 7725-E** is effective on operations that include punching, multi-stage forming, drawing, deep drawing and tube bending. **TOWERPRO 7725-E** produces a high strength film on metal surfaces and exhibits exceptional extreme pressure characteristics that allow it to perform heavy-duty operations. **TOWERPRO 7725-E** leaves a light non-sticky film that provides excellent in process rust protection

USAGE

TOWERPRO 7725-E can be used as a straight concentrate, or at dilutions up to 15:1 with water. At a 1:1 mixture, **TOWERPRO 7725-E** forms an invert emulsion that allows the product to be applied as a paste for certain severe operations. **TOWERPRO 7725-E** will form a stable white tight emulsion in both soft and hard water. *To ensure a stable emulsion, always add the concentrate to water with agitation.* **TOWERPRO 7725-E** can be applied in minimal amounts through JET SET airless spray systems, drip, roller coater or similar methods.

PHYSICAL CHARACTERISTICS

Density	1.07 g/ml 8.9 lbs/gal
Appearance	Amber Liquid
Odor	Mild
pH (10% solution)	Typically 9 to 10
Refractive Index	28.6 @ 3:1 19.1 @ 5:1 11.4 @ 9:1
(freshly diluted)	8.8 @ 12:1 7.2 @ 15:1
Refractive Index Factor	0.874 x RI = Vol %

BENEFITS

- Does Not Contain Any Hazardous Ingredients
- Performs a Wide Range of Metal Forming Operations
- Provides Excellent In-Process Rust Protection
- Forms Stable Emulsions in Waters of Varying Hardness
- Cleans Easily in Low Temperature Water Based Solutions
- Performs Heavy Duty Operations at Extended Dilutions
- Replaces Straight Compounded Oils
- Reduces Metal Pickup and Improves Quality of Parts

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. 15191