

TOWERPRO 7718-E

TOWERPRO 7718-E (formerly LS-R-428) is a versatile, heavy duty, multi-purpose emulsifiable metal forming lubricant designed for use on ferrous metals, high strength alloys, stainless steels, aluminum, and yellow metals. **TOWERPRO 7718-E** is effective on operations that include punching, multi-stage forming, drawing, deep drawing and tube bending. **TOWERPRO 7718-E** uses a combination of conventional and synthetic fluids to produce a high strength lubricating film with exceptional extreme pressure characteristics. **TOWERPRO 7718-E** leaves a light non-sticky film that provides excellent in-process rust protection.

USAGE

TOWERPRO 7718-E can be used as a straight concentrate, or at dilutions up to 20:1 with water. At a 1:1 or less mixture, **TOWERPRO 7718-E** forms a thick invert emulsion that allows the product to be applied as a paste for certain severe operations. **TOWERPRO 7718-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 7718-E** can be applied in minimal amounts through JET SET airless spray systems, drip, roller coater or similar methods. It can be removed in an aqueous cleaning system using a mild alkaline cleaner such as **TOWERKLENE 42-A**.

PHYSICAL CHARACTERISTICS

Density	0.97 g/ml	8.1 lbs/gal
Appearance	Amber Liquid	
Odor	Mild	
pH (10% solution)	Typically 9.2	
Refractive Index	20.0 @ 4:1	10.0 @ 9:1
(freshly diluted)	6.7 @ 14:1	5.0 @ 19:1
Refractive Index Factor	1.0 x Vol % = Refractive Index	

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
- Can Be Welded Over Without Washing
- 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.

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