



TOWERPRO 7800-E

TOWERPRO 7800-E is an extra-heavy-duty emulsifiable metal forming lubricant designed for use on ferrous metals, high strength alloys and stainless steels. **TOWERPRO 7800-E** is effective on the most difficult operations that include multi-stage forming, drawing, deep drawing and tube bending. **TOWERPRO 7800-E** produces a high strength film on metal surfaces and exhibits exceptional extreme pressure characteristics.

USAGE

TOWERPRO 7800-E can be used as a straight concentrate, or at dilutions up to 10:1 with water. Concentrations of 4:1 or stronger provide good in-process rust protection. To ensure a stable emulsion, always add the concentrate to the water with agitation. This mixing procedure produces a long lasting stable emulsion. **TOWERPRO 7800-E** can be applied in minimal amounts through JET-SET® airless spray systems, drip, roller coater, or similar methods.

PHYSICAL CHARACTERISTICS

Density	1.17 g/m. 9.8 lbs/gal
Appearance	Dark Amber Liquid
Odor	Mild Petroleum
pH @ 3:1	Typically 9.0
Refractive Index (freshly diluted)	32.6 @ 2:1 24.5 @ 3:1 12.3 @ 7:1 9.8 @ 9:1 6.1 @ 15:1
RI Factor	0.98 x vol % = Refractive Index

BENEFITS

- Contains No Hazardous Ingredients
- Replaces Straight Compounded Oils
- Performs a Wide Range of Operations
- Cleans Easily in Aqueous Wash Systems
- Extends Tool Life
- Forms a Stable Emulsion
- Reduces Metal Pickup and Improves Part Quality

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.