



TOWERPRO 7800-E

TOWERPRO 7800-E (formerly **LS-M-331**) 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 9.4
Refractive Index	33 @ 2:1 25 @ 3:1
(freshly diluted)	22 @ 4:1 10 @ 10:1

BENEFITS

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

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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