



## KLENEDRAW 3242

**KLENEDRAW 3242** (formerly LS-M-342) is an oil free solution designed for metal forming operations on ferrous metals, aluminum, brass, copper alloys, zinc coatings and painted metals. It can be used as a lubricant for a variety of metal forming operations including punching, perforating, multi-stage forming, drawing and roll forming. **KLENEDRAW 3242** provides a high degree of lubricity, flushing and cooling for the metalworking operation.

### USAGE

**KLENEDRAW 3242** can be used at dilutions up to 20:1 with tap water, depending on the severity of the operation. At dilutions of 6:1 or more it will leave a dry to the touch residue after the water has evaporated. **KLENEDRAW 3242** can be used in recirculating systems, or it can be applied in minimal amounts by using JET SET® airless spray, drip, roller coater or similar methods.

### PHYSICAL CHARACTERISTICS

Density	1.02 g/ml	8.5 lbs/gal
Appearance	Clear Yellow Liquid	
Odor	Mild	
pH of Concentrate	Typically 9.0 to 9.2	
Refractive Index	6.1 @ 4:1	3.1 @ 9:1
(freshly diluted)	2.0 @ 14:1	1.5 @ 19:1

### BENEFITS

- **Contains No Hazardous Ingredients**
- **Can Replace Vanishing Oils In Many Instances**
- **Does Not Contain Chlorine or Sulfur**
- **Cleans Easily In Low Temperature Water Based Solutions**
- **Can Be Welded Through Without Cleaning**
- **Residue Is Dry To The Touch**
- **Mixes Easily With Water**
- **Is Environmentally Friendly**

### 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.