



## **KLENEDRAW 3401**

**KLENEDRAW 3401** is an oil free solution designed for metalforming operations on ferrous and nonferrous metals. It can be used for a variety of metalforming operations, including punching and perforating, and multi-stage forming and drawing operations. **KLENEDRAW 3401** penetrates and interacts with metal surfaces by producing a high strength film with chemical extreme pressure characteristics.

### **USAGE**

**KLENEDRAW 3401** can be used at starting dilutions up to 5% (19:1) with tap water. It can be used in recirculating systems or be applied in minimal amounts by using JET SET® airless spray, drip, roller coater or similar methods. **KLENEDRAW 3401** is easy to remove from parts in conventional aqueous wash systems.

### **PHYSICAL CHARACTERISTICS**

Density	1.04 g/ml	8.6 lbs/gal
Appearance	Clear Golden Liquid	
Odor	Mild	
pH of Concentrate	Typically 9 to 9.5	
Refractive Index (freshly diluted)	12.1 @ 3:1	6.9 @ 6:1    5.0 @ 9:1 3.8 @ 12:1    2.3 @ 19:1

### **BENEFITS**

- **Contains No Hazardous Ingredients**
- **Contains No Fats Oils or Greases**
- **Does Not Contain Chlorine or Sulfur**
- **Has Excellent In-Process Rust Protection**
- **Cleans Easily in Low Temperature Water Based Solutions**
- **Can be Welded Through Without Cleaning**
- **Mixes Easily With Water**
- **Is Environmentally and Operator Friendly**

### **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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