



# Lyden Oil Company

## ProGuard

### Product Information

#### **ProGuard Synthetic Merit Draw FP**

**ProGuard Synthetic Merit Draw FP** is a heavy-duty synthetic, oil-free drawing, forming and stamping fluid, incorporating a blend of boundary and EP lubrication additives, in a water extendable package. **ProGuard Synthetic Merit Draw FP** is a versatile drawing and stamping fluid that can be used neat or diluted with water. The film remaining after forming operations is easily removed with water or an alkaline cleaner. The product may be used on ferrous or non-ferrous metals.

**ProGuard Synthetic Merit Draw FP** may be used for drawing and stamping operations where clean, oil-free parts are required for subsequent operations. It may be applied by brushing, dipping, spraying, rolling or other convenient method.

#### **Advantages**

- Easily Removed With Water
- Excellent Corrosion Inhibition
- Stable in Hard or Soft Water
- For Ferrous and Non-Ferrous Metals
- Mild Pleasant Odor
- Long Lasting
- Operator Friendly
- Superior Lubricity

<b>Concentration</b>	4%	5%	7%	10%	20%
<b>Ratio</b>	25:1	20:1	14:1	10:1	5:1
<b>Brix Reading</b>	<b>2.4</b>	<b>3.0</b>	<b>4.2</b>	<b>6.0</b>	<b>12.0</b>
<b>Recommended Starting Dilutions</b>	Severe Drawing and Forming				10-20%
	Normal Drawing and Forming				5-10%
	Light Applications, Roll Forming				
	Copper and Brass				4-5%

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##### **Synthetic Merit Draw FP**

Product Code Number	17811
Appearance - concentrate	Amber liquid
Appearance - dilution	Translucent / Opaque
Flash Point, ASTM D-92	None
pH @ 10:1 (10 %)	8.7 ± 0.2
Specific Gravity @ 60°F	1.03 ± 0.03
Lbs./Gallon	8.59 ± 0.1
Viscosity, cSt at 40 °C	130

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