

**YUMARK® FF-1**  
**Premium Quality**  
**Light Duty Stamping Oil**

**PRODUCT DATA SHEET**

**GENERAL DESCRIPTION:**

**YUMARK® FF-1** is stamping oil formulated for light duty stamping operations on non-ferrous metals especially aluminum.

**YUMARK® FF-1** is a highly effective lubricating oil help to protect dies and stampings, while allowing for continuous high production runs.

**BENEFITS:**

- **USE AS RECEIVED**
- **PROTECTS DIES AND BLANKS**
- **PROTECTS AGAINST SCARRING**
- **ALLOWS FOR CONTINUOUS RUNS**
- **NON-HAZARDOUS AND ODORLESS**

**PROPERTIES:**

Appearance (Concentrate) .....	Clear Liquid
Color (ASTM) .....	L0.5
Specific Gravity (15°/4 °C) .....	0.76
Viscosity (40 °C).....	1.8mm <sup>2</sup> /s
Flash Point (PMCC) .....	108 °C
Copper Corrosion(100 °C/1 hours) .....	Inactive

**USING PROCEDURES:**

**Use as received for:**

- **LIGHT DUTY STAMPING OF NON-FERROUS METALS**

**MATERIAL SAFETY:**

Safe on non-ferrous metals when used as directed.

**CONCENTRATION CONTROL:**

Not applicable.

**STORAGE:**

Keep in a cool, dry area.

**PRECAUTIONS:**

Please refer to the label and Material Safety Data Sheet for all warnings, recommendations for safety equipment, and other regulatory information.

**AVAILABILITY:**

Pails, Drums, Totes, Bulk