

## **AL-600 MINIMUM QUANTITY LUBRICANT**

### **PRODUCT DESCRIPTION**

AL-600 is a high-efficiency metalworking lubricant that forms a high strength molecular coating on the cutting edge of the tool, reducing friction and extending tool life. AL-600 is derived from natural oils, contains no petroleum, and is non-toxic, non-flammable, and non-polluting. This product is designed for use with an air driven spray mist system suitable for high-efficiency fluids. AL 600 produces “dry” chips as it is used up in the cutting operation, eliminating costly clean up and disposal.

### **GENERAL APPLICATION**

AL-600 is designed for use in applications where flood coolants are prohibited or not required. AL-600 is designed for most cutting, sawing, turning, tapping, drilling, and milling operations where fluid can be applied directly to the working edge of the tool. AL-600 does not contain sulfur or chlorine and can be used on mild steel, aluminum, titanium, stainless steel, and most other ferrous and non-ferrous metals.

### **ATTRIBUTES**

- Easy to Use
- Increased Tool Life
- Clean Mist Application
- Greatly Decreased Disposal Cost
- Operator and Environmentally Safe

### **TYPICAL PHYSICAL PROPERTIES**

Appearance:	Yellow Liquid with Fatty Odor
Wt/Gallon (25°C):	7.6lbs/gal
Flash Point:	600°F

### **DIRECTIONS**

For best results, the tool should be lubricated through the entire operation. Use slow to moderate RPM's and higher feed rates to achieve better tool life and maximum productivity. DO NOT dilute or attempt to reduce fluid. AL-600 is ready for use directly from the container and requires no mixing.

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