

AL-500 MINIMUM QUANTITY LUBRICANT

PRODUCT DESCRIPTION

AL-500 is a vegetable oil-based metalworking lubricant, which is a plant-based product. AL-500 forms a high strength molecular coating on the cutting edge of the tool, reducing friction and extending tool life. AL-500 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-500 produces “dry” chips as it is used up in the cutting operation, eliminating costly clean up and disposal.

GENERAL APPLICATION

AL-500 is designed for use in applications where flood coolants are prohibited or not required. AL-500 is designed for a wide variety of applications, which include: turning, grinding, boring, drawing, tapping, gear shaping, reaming, rolling, hobbing, and band- and hack-sawing. AL-500 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):	7.5 lbs/gal
Flash Point:	500°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-500 is ready for use directly from the container and requires no mixing.

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*Solutions For **ALL** Your Sawing Needs*