



**COOLANT
CONTROL** INC.

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Product Bulletin

ACO 442

Low Viscosity Aluminum Finishing Oil

Description

ACO 442 is a straight oil designed specifically for light to medium duty machining operations on aluminum but can also be used on non-ferrous metals in general. **ACO 442** is formulated with unique additives, which provide the lubricity needed in these applications. This product contains no active sulfur or chlorine and as such does not stain the work-piece. It has been shown that this product is also a very efficient lubricant in the high speed grinding of optical glass lenses.

Performance Benefits

- Multi-metal capabilities – Does not stain aluminum, copper, brass or bronze
- Excellent performance on hard and soft metals
- Excellent lubrication for optical glass grinding
- High flash point, good oxidation stability and high viscosity index

Recommended Applications

Machining of aluminum and aluminum alloys as well as other non-ferrous metals such as copper, brass and bronze.

Typical Characteristics

Property	Value
Appearance	Clear Colorless Liquid
Viscosity @ 100°F, SUS	40
Flash Point, COC, °F	265
Density, lbs/gal	7.1