



# Cola<sup>®</sup>Lube 3449

## Metalworking Lubricant and Emulsifier

**CHEMICAL NAME** Fatty Acid Alkanolamide  
**LISTINGS** US (TSCA); Canada (NDSL); Australia (AICS); Japan (ENCS); Korea (KECI)  
China (IECSC); Philippines (PICCS); New Zealand (NZIOC); Taiwan (NECI)

**Cola<sup>®</sup>Lube 3449** is a DEA and secondary amine-free water-soluble lubricant and emulsifier for aluminum and copper. It features moderate foaming, is easily emulsified and increases metalworking fluid affinity for metal surfaces. Cola<sup>®</sup>Lube 3449 is stable at high temperatures, provides wetting for metal surfaces and is non-staining on aluminum and copper surfaces. Cola<sup>®</sup>Lube 3449 augments formulation bioreistance and is easily waste-treatable.

### KEY PERFORMANCE ATTRIBUTES

- Excellent lubricity additive
- Emulsification
- Provides corrosion inhibition
- Enhances formulation bioreistance, enables development of biocidal-free metalworking fluid formulations
- Helps extend sump life
- Easily waste-treatable
- DEA and secondary amine-free
- Provides detergency
- Moderate foaming tendency

### APPLICATIONS

- Semisynthetic Fluids
- Microemulsion coolants
- Machining and grinding gray iron
- Machining fluids for titanium alloys

### SPECIFICATIONS

Appearance @ 25°C	Clear Liquid
Alkali Value	150
Acid Value	41.0
pH (10% aqueous)	9.5
Color, Gardner '98	11 Max.

### STORAGE AND HANDLING

Cola<sup>®</sup>Lube 3449 is shipped in 55 gal. drums, net weight 450 lbs (204.1 kg) or bulk and should be stored in closed containers. Shelf life is 12 months from date of manufacture. A Safety Data Sheet is available at [www.colonialchem.com](http://www.colonialchem.com).

## Colonial Chemical

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