



Cola[®]Lube 3429

Metalworking Lubricant and Emulsifier

CHEMICAL NAME Fatty Acid Alkanolamide
LISTINGS US (TSCA); Canada (NDSL); Australia (AICS); Korea (ECL)

Cola[®]Lube 3429 is a diethanolamine-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[®]Lube 3429 is stable at high temperatures, provides wetting for metal surfaces and is non-staining on aluminum and copper surfaces. Cola[®]Lube 3429 augments formulation bioresistance and is easily waste-treatable.

SPECIFICATIONS

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

PERFORMANCE TESTING RESULTS

Shake Foam Test

(1 g Test Material into 50 mL DI water)

| | |
|---------|-------|
| 1 min. | 15 mm |
| 3 min. | 13 mm |
| 5 min. | 11 mm |
| 10 min. | 10 mm |



1 Minute 5 Minutes 10 Minutes

STORAGE AND HANDLING

Cola[®]Lube 3429 should be stored in closed containers. Shelf life is 12 months from date of manufacture. Cola[®]Lube 3429 is shipped in poly 55-gal drums, net weight 450 lbs (204.1 kg) and in bulk. Safety Data Sheet is available at www.colonialchem.com.

Colonial Chemical

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Innovative Specialty Surfactants