



Cola®Lube 3412

Metalworking Lubrication Additive

CHEMICAL NAME Amide
LISTINGS US (TSCA); Canada (DSL); Korea (ECL); China (IECSC); Australia (AICS); Philippines (PICCS); New Zealand (NZIoC)

Cola®Lube 3412 is a water-soluble lubricant base that contributes outstanding lubricity, effective corrosion inhibition, and co-emulsification properties to a variety of metalworking fluids, fiber lubricants, and textile specialties. It is especially useful in stainless steel drawing applications. While developed as a lubricant base, Cola®Lube 3412, when utilized as an additive to metalworking fluids, also imparts improved rinsibility characteristics.

SPECIFICATIONS

Appearance @ 25°C	Clear Amber Viscous Liquid
Acid Value	22 – 32
Alkali Value	170 – 190
pH (10% aq)	9.0 – 10.0

PERFORMANCE TESTING RESULTS

Shake Foam Test

(1 g Test Material into 50 mL DI water)

Immediate	110 mm
1 min.	100 mm
3 min.	35 mm
5 min.	30 mm
10 min.	5 mm



Immediate 1 Minute 3 Minutes 5 Minutes 10 Minutes

STORAGE AND HANDLING

Cola®Lube 3412 should be stored in closed containers. Shelf life is 12 months from date of manufacture. Cola®Lube 3412 is shipped in poly 55-gal drums, net weight 450 lbs (204.1 kg) and bulk. Safety Data Sheet may be downloaded at www.colonialchem.com.

Colonial Chemical

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