



Cola[®]Lube 3420

Metalworking Lubrication Additive

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

Cola[®]Lube 3420 is a unique blend of anionic and nonionic surfactants designed to produce clear microemulsions with commonly used paraffinic and naphthenic oils, lubricants and other additives in a wide variety of metalworking fluid compositions. Cola[®]Lube 3420 contributes to corrosion protection, anti-wear and EP properties in semi-synthetic and synthetic concentrates. Such formulations can be utilized in various cutting, drawing, tapping and grinding operations..

SPECIFICATIONS

Appearance @ 25°C	Clear Liquid
Acid Number	8 Max.
Alkali Number	20 Max.
pH (10% aq)	8.5 - 9.7
Color, Gardner '98	5 Max.

PERFORMANCE TESTING RESULTS

Shake Foam Test

(1 g Test Material into 50 mL DI water)

Immediate	130 mm
1 min.	120 mm
3 min.	120 mm
5 min.	105 mm
10 min.	85 mm



Immediate 1 Minute 3 Minutes 5 Minutes 10 Minutes

STORAGE AND HANDLING

Cola[®]Lube 3420 should be stored in closed containers. Shelf life is 24 months from date of manufacture. Cola[®]Lube 3420 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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Innovative Specialty Surfactants