

Cola®Lube 3404

Metalworking Lubrication Additive

CHEMICAL NAME

Phosphate Ester

US (TSCA); Canada (DSL); Australia (AICS); New Zealand (NZIoC);

Philippines (PICCS); Korea (ECL); China (IECSC)

Cola®Lube 3404 is an aliphatic phosphate ester that provides excellent corrosion inhibition, effective EP and potent wetting / surface tension reduction properties in metalworking fluids. In its un-neutralized form, it is soluble in naphthenic and paraffinic oil. By neutralizing with alkanolamines, Cola®Lube 3404 is readily soluble in water.

SPECIFICATIONS

Appearance @ 25°C	Yellow Liquid
Clarity	Clear
Color, Gardner '98	2 Max.
Acid Value	280.0 – 310.0
Moisture, %	1.0 Max.

PERFORMANCE TESTING RESULTS

Cast Iron Chip Test
1% active solution in 20,000
hardness water

Pass (test results below)

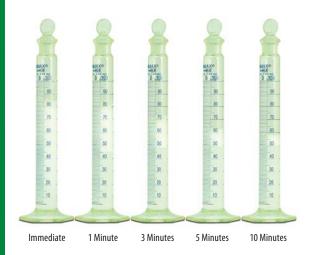


Test performed using single VWR filter paper, 415 (28320-020)

PERFORMANCE TESTING RESULTS

Shake Foam Test (1 q Test Material into 50 mL DI water)

Immediate	135 mm
1 min.	65 mm
3 min.	45 mm
5 min.	25 mm
10 min.	15 mm



STORAGE AND HANDLING

Cola®Lube 3404 should be stored in closed containers. Shelf life is 12 months from date of manufacture. Cola®Lube 3404 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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www.colonialchem.com

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