



Cola[®]Fax 3397

Alcohol Ethoxylate Phosphate Ester

CHEMICAL NAME	Oleylth Phosphate Ester
LISTINGS	US (TSCA); Canada (DSL); Australia (AICS); New Zealand (NZIoC); Japan (MITI); Philippines (PICCS); Korea (ECL); China (IECSC), Taiwan (NECI)

Cola[®]Fax 3397 is a long chain, aliphatic phosphate ester designed for a variety of formulations including metalworking fluid applications. It provides excellent extreme pressure and lubricity characteristics as well as emulsification and rust protection properties for both ferrous and nonferrous metallurgies. As supplied, Cola[®]Fax 3397 is soluble in paraffinic and naphthenic oil. It is soluble in water by pH adjustment or by the incorporation of water-soluble co-surfactants.

- Anionic after neutralization
- Long-chain, fatty alcohol-based phosphate ester
- 100% active
- Provides rust protection properties

SPECIFICATIONS

Appearance @ 25°C	Light Yellow Liquid
Clarity	Clear
Color, Gardner '98	5 Max.
Acid Value (pH 5.5)	82.0 – 92.0
Acid Value (pH 9.5)	145.0 – 156.0
Moisture, %	3.0 Max.

PERFORMANCE TESTING RESULTS

Cast Iron Chip Test <i>1% active solution in 20,000 hardness water</i>	Pass (test results below)
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PERFORMANCE TESTING RESULTS

Shake Foam Test <i>(1 g Test Material into 50 mL DI water)</i>	
Immediate	95 mm
1 min.	20 mm
3 min.	20 mm
5 min.	20 mm
10 min.	15 mm

STORAGE AND HANDLING

Cola[®]Fax 3397 should be stored in closed containers. Shelf life is 12 months from date of manufacture. Cola[®]Fax 3397 is shipped in poly 55-gal drums, net weight 460 lbs (208.6 kg) and in bulk. Safety Data Sheet is available at www.colonialchem.com.

Colonial Chemical

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Innovative Specialty Surfactants