



Cola®Lube 4715

DEA-free, Long Chain Lubricant Additive

CHEMICAL NAME	Liquid, Long Chain Alkanolamide
LISTINGS	US (TSCA); EU (REACH); Canada (DSL); Australia (AICS); Japan (ENCS); Philippines (PICCS); Korea (ECL); New Zealand (NZIoC); China (IECSC)

With the need for DEA-free metalworking additives, Colonial Chemical has developed an innovative product for use in soluble oils, semi-synthetic and synthetic metal working fluids. **Cola®Lube 4715** is useful to the formulator in applications such as tapping, broaching, stamping, drilling and grinding. Cola®Lube 4715 will provide corrosion protection, anti-wear and EP properties.

Cola®Lube 4715 is a low foaming, long chain alkanolamide that is dispersible in water. The product, when dispersed in the presence of water and oil, forms a chemical emulsion. Lubricants with specifically controlled viscosities can be developed due to the unique thickening properties of Cola®Lube 4715 in water. Cola®Lube 4715 is non-staining to ferrous and non-ferrous metal while providing ferrous corrosion protection to formulations.

SPECIFICATIONS

Appearance @ 25°C	White to tan solid
Color, Gardner '98 @ 50°C	10 Max.
pH (10% aq)	9.8 – 10.8
Acid value	10 Max.

SOLUBILITY IN OILS

10% solutions in the following oils:

Aromatic 150	Soluble
Soy methyl ester	Soluble
100 cs. Paraffinic	Dispersible
Naphthenic	Dispersible
Isoparaffinic	Insoluble
Mineral seal oil	Insoluble

PERFORMANCE TESTING RESULTS

Shake Foam Test

(1 g Test Material into 50 mL DI water)

Immediate	65 mm
1 min.	55 mm
3 min.	55 mm
5 min.	55 mm
10 min.	54 mm



Immediate 5 Minutes 10 Minutes

STORAGE AND HANDLING

Cola®Lube 4715 should be stored in closed containers. Shelf life is 24 months from date of manufacture. Cola®Lube 4715 is shipped in steel 55-gal drums, net weight 450 lbs (204.1 kg). Safety Data Sheet may be downloaded at www.colonialchem.com.

Colonial Chemical

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Innovative Specialty Surfactants

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