



Cola[®]Lube 3422

DEA-Free Co-Emulsifier / Corrosion Inhibitor

CHEMICAL NAME Amide
LISTINGS US (TSCA); Canada (NDSL)

Cola[®]Lube 3422 is a low foaming, long chain amide that is dispersible in water, forming a chemical emulsion. It provides corrosion protection, anti-wear and EP properties in synthetic and semi-synthetic metalworking fluids. Lubricants with specifically controlled viscosities can be developed due to the unique thickening properties of Cola[®]Lube 3422 in water.

BENEFIT

- Low foaming, long chain amide
- Dispersible in water
- DEA-Free
- Enhanced hard water stability
- Increased boundary lubricity and metal wetting characteristics

APPLICATIONS

- Corrosion inhibitors
- Lubricants
- Boundary lubricants
- Water soluble drawing fluids
- Synthetic and semi-synthetic coolants

SPECIFICATIONS

| | |
|--------------------|--------------|
| Appearance | Clear Liquid |
| pH (10% solution) | 10.0 – 11.0 |
| Color, Gardner '98 | 8 Max. |

PERFORMANCE TESTING RESULTS

Shake Foam Test

(1 g Test Material into 50 mL DI-water)

| | |
|---------|-------|
| 1 min. | 75 mm |
| 3 min. | 70 mm |
| 5 min. | 70 mm |
| 10 min. | 70 mm |



STORAGE AND HANDLING

Cola[®]Lube 3422 is shipped in 55 gal. drums, net weight 450 lbs (204.1 kg) or 275 gal. totes. Cola[®]Lube 3422 should be stored in closed containers. Shelf life is 12 months from date of manufacture. A Safety Data Sheet is available at www.colonialchem.com.

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