



Cola® Drill 610

Long-Chain Fatty Acid Based, Water-Soluble, Brine Lubricants for Drilling Fluids

DESCRIPTION Natural, Long-Chain Fatty Acid Based Phospholipid Mimetics

LISTINGS US (TSCA), Canada (DSL), Australia (AIC), China (IECSC), Korea (KECL), Philippines (PICCS), New Zealand (NZIoC), Taiwan (TCSI)

Cola®Drill 610 is a natural fatty acid-based phospholipid mimetic. It is a water-soluble brine lubricant for aqueous based drilling fluids. It is designed to improve the lubricity at very low dosage and reduce the coefficient of friction in seawater, sodium chloride, sodium bromide, calcium chloride and calcium bromide completion fluids while delivering the better foam performance than the chemistry in its class.

ColaDrill 610 is specifically designed for the ease of handling under uncontrolled, low-temperature conditions.

BENEFITS

- Friction reduction at low dosages
- Outstanding lubricity for water-based drilling muds
- Low foaming
- Biodegradable
- Broad temperature range for handling

APPLICATIONS

- Drilling lubricants for water-based drilling muds (WBDM)
- Other industrial and non-industrial applications

TYPICAL PROPERTIES

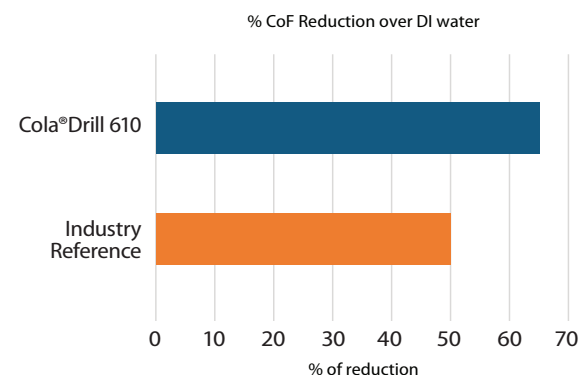
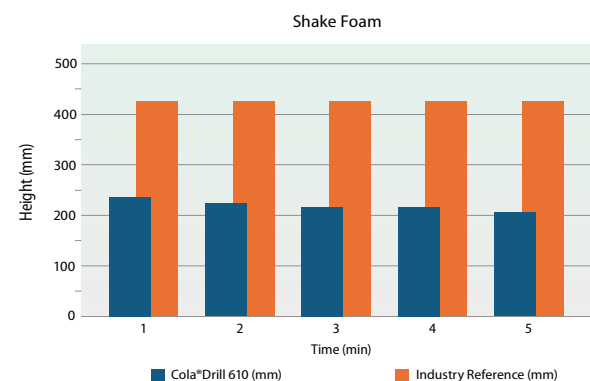
Appearance @ 25°C	Clear Liquid
% Solids	7.6
pH (10% As Is)	6.8
Color, Gardner '98	8 Max.
Color, Gardner BYK	Report
Viscosity @ 25°C	100 Max.
Specific Gravity @25°C	1.03



BENCH PERFORMANCE EVALUATION

Cola®Drill 610 shows lower foaming tendency and enables better friction reduction than the incumbent competing technology.

Tested at 0.5 wt% actives in DI water.



STORAGE AND HANDLING

Cola®Drill 610 should be stored in closed containers. Shelf life is 12 months from date of manufacture. Cola®Drill 610 is shipped in 55-gallon drums, net weight 450 lbs (204.1 kg) and in totes, net weight 2250 lbs (1025.5 kg). Complete Safety Data Sheet may be downloaded at www.colonialchem.com.



Colonial Chemical
Innovative Specialty Surfactants
www.colonialchem.com