



Cola®Foam AP-LP

Surface Modifier to Improve Oil-Wetting of Drilling Mud

LISTINGS

USA (TSCA); Canada (NDSL); Australia (AICIS); Korea (KECI); Philippines (PICCS); New Zealand (NZIoC); Taiwan (NECI)

Cola®Foam AP-LP is a specialized surfactant additive to prevent water-wetting of solids. In specific applications, Cola®Foam AP-LP can reverse water-wetting of oil-wet solids that might occur. As a wetting agent, it may be pre-treated to a drilling fluid before displacement or cementing work has begun. This surfactant is ideal for varying conditions and generates copious foam in formulations where hypochlorite, peroxides and minerals are present. In addition Cola®Foam AP-LP can be used for grease and oil emulsification for oil/water emulsions.

BENEFITS

- Prevents water-wetting of solids
- Reverses water-wetting of solids
- Assists in preventing sag from water-wet weight material
- Provides superior wetting performance needed

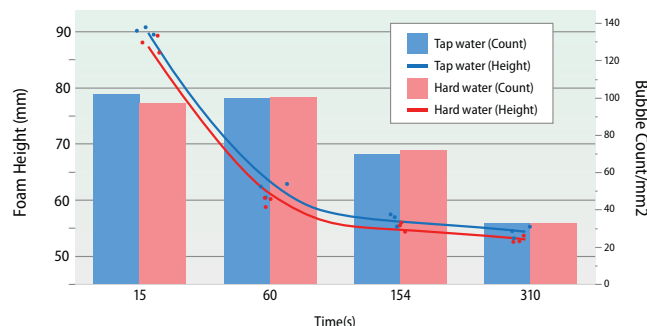
TYPICAL PROPERTIES

Appearance @ 25°C	Clear Liquid
% Solids	34.0 – 36.0
pH (10% aq)	4.5 – 5.0
Specific Gravity @ 25°C	1.07 – 1.13
Viscosity @ 25°C	70
Pour Point °C	<-14
Flash Point °C	72



FOAM RESPONSE

Foam Response with Cola®Foam AP-LP in Varying Water Chemistries



	Test Method	Tap Water (mg/L)	Hard Water (mg/L)
TSS	Gravimetric	< 10.0	86.8
TDS	Gravimetric	101.5	7949.9
Chloride (Cl-)	IC	12	< 25.0
Calcium	ICP-OES	21.7	1610
Sulfate	IC	9	1130
Magnesium	ICP-OES	< 9.3	285
Sodium	ICP-OES	<9.3	< 9.6
Carbonate (CO3)	Coulometric	< 550.0	< 600.0
pH	pH Meter	7.1	7.6

STORAGE / HANDLING

Cola®Foam AP-LP should be stored in sealed containers at temperatures not exceeding 120°F (49°C). Shipped in 55 gallon steel drums (net weight 480 lb/217.7 kg). Typical shelf life is 24 months from date of manufacture. Safety Data Sheets may be found at www.colonialchem.com.



Colonial Chemical
Innovative Specialty Surfactants
www.colonialchem.com

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