



DG-SUPERLUBE

PRODUCT BULLETIN

DG-SUPERLUBE reduces torque, drag and the potential for differential sticking by reducing the coefficient of friction of water-based muds. It can also provide additional wellbore stability and inhibition, and reduce bit-balling. DG-SUPERLUBE is dispersible in all types of water-based fluids and is not affected by contaminants. It is acceptable for most situations specifying a low-toxicity lubricant.

Applications

DG-SUPERLUBE is used where torque, drag and/or the potential for differential sticking are likely, such as when drilling highly deviated or high-differential-pressure wells. This additive is especially useful for preventing the “stick-slip” condition in directional drilling when using the “slide” method without rotation. Normal concentrations range from 2 to 4% or 7 to 17.5 lb/bbl, depending on the mud density, desired reduction in coefficient of friction and the mud system. After the initial treatment, periodic treatments should be made to maintain the desired concentration. Treatment levels and product usage will depend on the rate of penetration, solids control equipment and dilution rates.

Physical Properties

• Physical appearance	Clear to Dark Amber liquid
• Specific gravity	1.050-1.130 @ 25°C
• Flash point	430°F (221°C) (PMCC)
• pH (2% solution)	8.0-11.0
• Solubility in water	Slight

Toxicity & Handling

DG-SUPERLUBE is a low toxicity product. Refer to the MSDS for handling information.

Packaging & Storage

DG-SUPERLUBE is packaged in 55-gal drums, 265 gallon Totes and is also available in bulk.

www.drillgreen.com

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