



PRODUCT DESCRIPTION

EvoLube® G drilling performance enhancer is an extremely effective lubricant blend. EvoLube G is a central component of Newpark Drilling Fluids' Evolution® high-performance water-based drilling fluid system. Engineered using Six Sigma techniques, EvoLube G optimizes potential performance improvements over previous EvoLube generations.

BENEFITS

EvoLube G reduces friction in the Evolution system to oil-based mud (OBM)-like lubricity. Accordingly, EvoLube G is especially effective in horizontal applications where it minimizes torque and drag, thereby enhancing transmission energy to the bit and increasing rate of penetration (ROP). Additionally, EvoLube G reduces stick-slip, thereby increasing drilling efficiency and reducing drillstring damage. When used in combination with EvoVis® viscosifier, EvoLube G is especially beneficial in stabilizing non-reactive shales. Control over product quality is assured as EvoLube G is manufactured for worldwide use at Newpark's Manufacturing & Distribution Facility.

APPLICATION

EvoLube G is an effective performance enhancer for all water-based systems and is ideal for high-temperature applications due to its greater than 400°F (204°C) thermal stability. EvoLube G can be used in any type of water-based drilling fluid. Its wellbore lubricating qualities are enhanced in fluids where the overall solids content – particularly the management of drilled solids – is maintained at optimum levels. EvoLube G is particularly effective when used in systems formulated with low clay content or in clay-free formulations, such as the Evolution water-based drilling fluid system. EvoLube G is PDC bit compatible.

TREATMENT RECOMMENDATION

EvoLube G is added directly to the fluid system in concentrations of 0.5-6.0% by volume to achieve desired lubricity. Additions of EvoVis can further enhance results.

TYPICAL PHYSICAL PROPERTIES

Appearance.....Yellow to dark amber liquid
Flash Point..... >225°F (107°C)
Specific Gravity.....0.88-0.89
Water Solubility..... Partially soluble

HANDLING AND STORAGE

Avoid contact with eyes, skin and lungs. Store in a cool, dry, well-ventilated area away from strong oxidizing agents. Use appropriate hygiene, clothing and person protective equipment suitable for work being done. Review the SDS thoroughly before using this product.

PACKAGING

EvoLube G is available in 5-gallon (19-liter) pails, 55-gallon (208-liter) drums and 275-gallon (1,041-liter) totes.

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