

StrataDrill

HIGH PERFORMANCE SHALE INHIBITOR

DESCRIPTION

StrataDrill is a amine and surfactant based inhibitor designed to stabilize reactive shales and clays while drilling with water based drilling fluids. It inhibits clay swelling and hydration of cuttings preventing bit balling and reducing torque and drag. Additions of **StrataDrill** to water based systems minimizes viscosity increases due the incorporation of reactive solids reducing dilution rates. It is non-toxic and bio-degradable and can be used in offshore drilling environments.

ADVANTAGES

Prevents Bit Balling
Compatible with most Water Based Systems
Non-Toxic and Bio-Degradeable
Temperature Stable to 400F
Reduces Torque and Drag
Reduces Dilution Rates

TREATMENT

StrataDrill should be added to the system before drilling into the troublesome shale or hydratable clay section. An initial treatment of 4 to 10 lb/bbl **StrataDrill** to the entire mud system can be added directly into the suction pit. **StrataDrill** is consumed as the formation is drilled and a proper concentration must be maintained. For optimum results, monitor penetration rates, rheology, dilution, and solids control and adjust tourly treatments as necessary.

TYPICAL PROPERTIES

Specific Gravity.....1.04
Color.....Amber Liquid
Solubility.....100% in Water

PACKAGING & HANDLING

StrataDrill is packaged in 55 gallon drums and should be handled like any industrial product.