Drilling Fluids, Inc.

CO-POLYMER BEADS

DESCRIPTION

A spherical all **CO-POLYMER BEAD** uncontaminated with glass or styrene material, designed to act as a mechanical lubricant. It is compatible with water, oil and synthetic based mud systems. Because of it's high compressive strength, this lubricant is able to minimize casing wear, reduce torque and drag and lower the risk of differential sticking in depleted, underbalanced formations.

BENEFITS

- Reduces friction
- Minimized casing wear
- Decreases torque and drag
- Breaks capillary attraction
- Lowers risk of differential sticking
- Compatible with all drilling fluids
- Non-Abrasive

TREATMENT

Initial concentration of additive is 2 to 6 ppb. This value can be adjusted in accordance with torque and drag limitations of the drilling operation. After the initial treatment, additions need to be made to replace product that is left embedded in the formation or the mud filter cake.

FUNCTION

CO-POLYMER BEADS are typically used in highly deviated holes, wells with high tortuosity, and wells with severe or unplanned dog-legs. May be used in any where high torque and drag are encountered.

TYPICAL PHYSICAL PROPERTIES

Physical Appearance: ...Semitransparent variegated spheres.
Specific Gravity:.....1.10 to 1.13
Solubility in water: .....Insoluble
Reactivity: .....Inert
Temperature Range: .....Stable to 450 degrees Fahrenheit
Size Ranges:.....Fine-100 to 300 um 50 Mesh
Coarse 300-1000 um 18 Mesh

SAFE HANDLING RECOMMENDATIONS

Read the Material Safety Data Sheet (MSDS) for this product before use.
Slip hazard when on hard smooth surfaces.

PACKAGING

CO-POLYMER BEADS are packaged in 50# multi-wall sacks.

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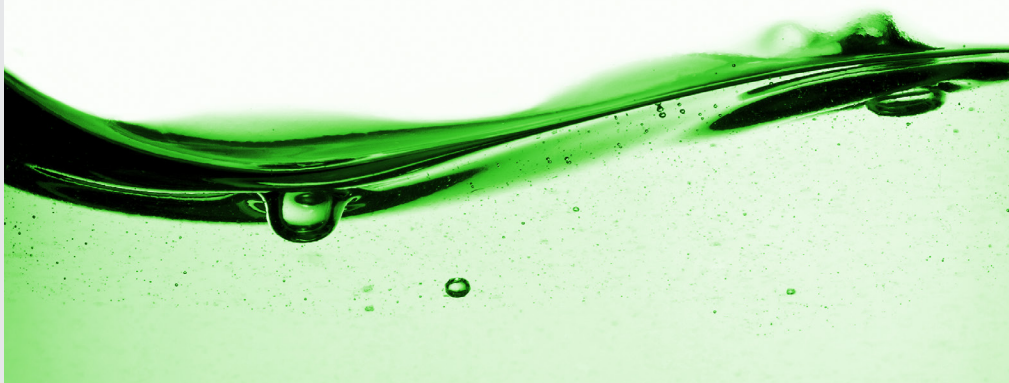
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