

EZ-MUD DP

Category: Drilling fluids

Borehole Stabilizing Dry Polymer

EZ- MUD DP is a free-flowing, dry granular synthetic polymer containing partially hydrolyzed polyacrylamide/ polyacrylate (PHPA) copolymer. EZ-MUD DP, a water-soluble polymer, disperses and dissolves in fresh water rapidly. When mixed with fresh water, EZ-MUD DP hydrates quickly and forms a clear, viscous fluid. With its high molecular weight and optimum charge density, EZ-MUD DP provides excellent borehole stability through a coating mechanism (encapsulation).

Applications/Functions

- Stabilize reactive clay and shale formations
- Keep trench excavation open during the construction
- Produce high viscosity solids-free slurry
- Enhances rheological properties of a low-solids drilling mud
- Enhance core recovery in continuous wireline coring operations
- Flocculate non-reactive solids in reserve pit at low concentrations
- Reduces torque and drag

Advantages

- Disperses easily with minimal shear
- Efficient shale/clay stabilizer and viscosifier
- Imparts high degree of lubricity
- Compatible with other drilling fluid additives when added in proper sequence
- Non-fermenting
- No petroleum distillates involved
- Breaks down chemically with bleach (sodium hypochlorite)
- NSF/ANSI Standard 60 Certified



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