

EZ-MUD[®] DP



EZ-MUD DP is a borehole stabilizing dry synthetic polymer, and contains high molecular weight, partially hydrolysed polyacrylamide/polyacrylate (PHPA) copolymer. When mixed with fresh water, the product hydrates quickly and forms a clear, viscous fluid. EZ-MUD DP provides excellent borehole stability through a coating mechanism (encapsulation).

Functions

- Stabilizes reactive shale & clay formations.
- Keeps trench excavation open during the construction.
- Produces a high viscosity, solids-free slurry.
- Enhances rheological properties of a low-solids drilling mud.
- Improves core recovery in continuous wireline coring operations.
- Flocculates non-reactive solids in the reserve pit at low concentrations.
- Reduces torque and drag.

Advantages

- Easy to disperse.
- Efficient shale/clay stabilizer and viscosifier.
- Helps impart high degrees 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.

Approximate amounts of EZ-MUD DP polymer added to a drilling fluid system:

Added to fresh water	Added to Bentonite fluids	Added to air/foam injection liquid
0.5 - 2.5 kg/m ³	0.3 - 1 kg/m ³	0.5 - 1 kg/m ³

