



Modiflow 500

Modiflow 500 is a versatile product used in drilling operations. It forms self-degrading water-based drilling fluids. It can be used as a base product for non-clay drilling fluids as well as an additive for bentonite muds. Modiflow 500 is a polymer used in hydrogeological drilling, well drilling, and horizontal directional drilling to increase the viscosity of drilling fluids and acts as a filtration reducer, may be used in combination with loss prevention agents. The microgranule form ensures ease and speed of complete dissolution in water without the risk of sediment formation and lumping.

Reasons to Use

- **Biodegradable**
- **Provides wellbore stability** in hydrophilic formations
- Recommended as a protective colloid for reservoir drilling fluids due to its ability to form a thin, flexible filter cake, preventing the invasion of solid phases and filtrate into the reservoir rock
- **Inhibits the hydration of clay rocks**, stabilizing the wellbore wall in formations with a slight tendency to swell under the influence of drilling fluid water
- Ensures proper hole cleaning and enhances core recovery
- **Minimizes torque and drilling fluid pressure**
- Modiflow 500 is an environmentally friendly and eco-conscious drilling product, designed to provide efficient performance while being biodegradable and minimizing ecological impact.

Advantages

- Effective in both freshwater and saltwater
- Easy to mix due to its microgranule form
- Inhibits clays, preventing their swelling (hydration)
- Degrades after the application of calcium or sodium hypochlorite
- Stable up to 120°C
- Provides low operational and waste disposal costs
- Modiflow 500 is an environmentally friendly and eco-conscious drilling product, designed to provide efficient performance while being biodegradable and minimizing ecological impact.

Application

Add 2-5 kg/m³ through a funnel or another system with a venturi nozzle.

Packaging

25 kg multilayer paper bags with PE lining.