



Technical Data Sheet

Bentone 910

Product Description

Bentone 910 rheological additive is an economical organo-bentonite viscosifier and suspending agent for oil-based muds, invert emulsion muds, completion fluids and workover fluids.

BENTONE 910 is suitable for drilling fluids based on diesel oil and mineral oil. It adds to the formulation the temperature stable rheology characteristic of organoclays.

Good agitation should be used when incorporating **BENTONE 910** into the drilling system. The amount of stirring needed will depend on the temperature of the oil, with the rate of organoclay gelation increasing with increasing temperature, and on the level of shear available. Circulation downhole after the initial mixing will aid in achieving the full viscosity and yield. A chemical polar activator is needed to ensure full development of rheological properties. When water is present in the mud, it acts as the activator, and a separate activator is not needed

Applications: increasing carrying capacity; suspension of weight material, and controls settling with out the use of other additives

Treatments: Typical concentrations range from 2 to 12 lb/bbl that vary depending on the quantity of solids in the mud.

Daily maintenance treatment are required. Pilot testing is suggested to determine the actual treatment required to obtain the desired properties.

KEY BENEFITS

- **Cost Effectively builds viscosity and yield point**
- **Suspends weighting materials and other solids**
- **Increases emulsion stability**
- **Aids control of fluid loss to the formation**
- **Confers temperature stability to the fluids.**
- **Is not harmful to the environment.**

Key Properties

Color	Light tan
Physical Form	Powder
Sg	1.7
Packaging	50 lb Sacks

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