



## Product Information

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### Bentone 150

#### GENERAL DESCRIPTION

Bentone 150 rheological additive is an easy dispersing, self activating organoclay that exhibits high performance efficiency in diesel, low aromatic mineral oil, poly, linear and isomerized alpha olefins, and modified vegetable oil contained base fluid formulations. It is highly effective in all-oil and invert muds, fracture and workover fluids.

#### FEATURES AND BENEFITS

Bentone 150 is a self-activating gallant offering rapid yield development, high gel strengths, and increased efficiency. It's an attractive alternative to conventional clay gallants that required higher shear and chemical activation for optimal dispersion and performance. The unique properties are especially valuable in low-shear mud plant operations and during completion fluid manufacture at the well-site. It also possesses good low temp. incorporation properties. It imparts high gel strengths inverts and all-oil muds, as indicated by their high low shear Brookfields viscosities. This translates into muds and slurries having improved anti-setting and downhole sag resistance properties.

*Bentone 150 rheological additive:*

- Requires no external chemical activators in all-oil or invert systems.
- Is easy to disperse

- Improves mud plant throughput
- Gives greater batch-to-batch uniformity
- Offers fast well-site mud incorporation and yield
- Generates high Brookfield Viscosities
- Is not harmful to the environment

We note that a small amount of water (0.1-0.2% by weight of total formula) added to all-oil muds further speeds the gelation process and optimizes organoclay use. Good agitation should be used for mixing Bentone 150 additive. Since it is an easy dispersing organoclay, less work will be required to incorporate it into the drilling fluid, and to build initial viscosity.

#### TYPICAL PHYSICAL PROPERTIES

Composition	Organic derivative of a bentonite clay
Colour	Light cream
Form	finely divided powder
Specific Gravity	1.6
Moisture	2.5% maximum

#### HANDLING

Before using this product please consult our Material Safety Data Sheet (MSDS) for information on safe handling.

#### AVAILABILITY

Bentone 150 is available in 22.68Kg bags from HiTech Fluid Systems Ltd.