



Drilling Fluids, Inc.

SALT GEL

DESCRIPTION

SALT GEL is an attapulgite clay used for viscosity in salt water drilling fluids where GEO GEL is not appropriate/effective.

USES

SALT GEL is an effective viscosifier for fresh to saturated salt water drilling fluids. **SALT GEL** may be used in a high solids, high fluid loss lost circulation squeeze. **SALT GEL** meets or exceeds all API specifications for attapulgite clay.

BENEFITS

SALT GEL is used primarily to obtain viscosity in saturated or near saturated brine systems. **SALT GEL** may also be utilized in high temperature drilling fluids to provide viscosity unaffected by high temperature flocculation. A concentration of 20 ppb **SALT GEL** in saturated saltwater will yield a minimum viscosity of 15 centipoise. Maximum yield is dependant on efficient mixing and agitation.

TREATMENT

Addition of 15 ppb of **SALT GEL** to a brine system will develop a funnel viscosity of 34 to 36 sec/qt. Filtration control requires the addition of STARCH, STARLOSE, or [DRILLPAC].

FUNCTION

SALT GEL yields by shearing the clay into rigid rods which form an open mesh. There is no inherent filtration control from this form of clay.

TYPICAL PHYSICAL PROPERTIES

Appearance.....	tan powder
Hygroscopic.....	no PH
in water.....	neutral Bulk
density.....	32 lb/cu.ft. Specific
Gravity.....	2.65

SAFE HANDLING RECOMMENDATIONS

Read the Material Safety Data Sheet [MSDS] before using. Dust mask may be desirable for comfort due to dust hazard.

PACKAGING

SALT GEL is packaged in 50 pound multiwall bags.

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