

INFORMATION

MESUCO-SUPER-GEL

HIGH-YIELD BENTONITE

DESCRIPTION

MESUCO-SUPER-GEL is a selected natural sodium Wyoming bentonite that has been reacted with a long chain organic polymer. It produces an extra high API yield of approximately 180 to 220 bbl per short ton (31.5 to 38.5 m³ per metric ton) of a 15 centipoise mud. This is more than twice the yield value of normal API or OCMA specification bentonites.

APPLICATION

MESUCO-SUPER-GEL is a primary viscosity-building agent for all fresh water drilling fluid systems. It has a special application when a low solids system is desired in order to obtain a higher penetration rate.

As MESUCO-SUPER-GEL is more than twice as effective as normal bentonites, only one-half the amount is required compared to normal bentonites. This has definite advantages when transportation to the drilling site is costly, or when storage space on the rig is limited.

The ultimate yield of MESUCO-SUPER-GEL is achieved very quickly, thereby reducing the time required to build a pit of mud.

RECOMMENDED TREATMENT

Add MESUCO-SUPER-GEL to the mud system to build viscosity as you would do with a normal bentonite, but use only use half the amount. When adding to contaminated mud systems with a high chloride content, it is recommended that MESUCO-SUPER-GEL be pre-hydrated in fresh water before addition to the system.

SPECIFICATIONS

API yield 200 bbl/ST minimum; moisture content 10% maximum when shipped; pH 8.5 to 10.0 for a 5% suspension; API filtrate for a 15 cps mud approximately 25 ml. Quality reports are issued with each shipment.

PACKAGING

MESUCO-SUPER-GEL is normally packaged in 50 lb net export paper bags. Special bags, palletization, etc., are available on request.

MESUCO-SUPER-GEL is a Messina trademark