



SandMaster®

Viscosifier and gel strength enhancer

Description

DCS SandMaster is an excellent rheology modifier and suspension agent that will effectively increase viscosity and the yield point of drilling fluids. SandMaster will substantially increase the gel strengths / carrying capacity of the drilling fluid to clean cuttings from the bore. SandMaster will effectively suspend and carry sand and gravel but can also be used for mixed formations of sands, clays and silts. This will reduce borehole pressures, increase rates of penetration and improve borehole stability. As a secondary function SandMaster lowers filtrate (water loss) to the formation. SandMaster can be used in both bentonite-based drilling fluids and as a stand-alone drilling fluid additive for pressure sensitive formations and complex environmental projects.

Characteristics

- Adding SandMaster to high yield bentonite drilling fluid will improve gel strengths and lower water loss
- SandMaster can be used with all DCS additives including FlowPac and FlowSeal

- SandMaster is not affected by make-up water that is contaminated with excess hardness and chlorides
- SandMaster is unaffected by changes in pH and can be mixed in a wide pH range
- SandMaster can be used with any other DCS Product as needed for a wide variety of ground conditions

Mixing Dosage Rates

For Bentonite based drilling fluid:

- Mix 1.5 – 3lb per 1000 gallons through the venturi hopper

As a Stand-Alone drilling fluid additive:

- Mix 12 -36lb per 1000 gallons fresh water through the venturi hopper

Packaging

SandMaster is available in 25lb pails