

AMC PVC MUD MIXER XTRA LARGE™

Drilling fluids equipment



Description

Testing the sand content of a drilling mud is important because sand particles can be extremely abrasive and cause excessive wear on pump parts, drill bits, rod string and other components. Sand can also result in a thick filter cake build up on the walls of the hole or may settle around the tools in the hole when the pump is shut down. It can also contribute to unacceptable mud weights.

The AMC SAND CONTENT KIT™ determines the volume percent of sand sized particles within the drilling fluid. The kit consists of a graduated glass tube to read percent by volume 0.0 – 20.0%, a funnel and a 200 mesh sieve (74 micron) engineered into the cylindrical shaped holder.



Procedure

1. Fill the glass measuring tube to the mark indicated with mud. Add water to the next mark. Cover the mouth of the tube with the thumb and shake vigorously.
2. Pour the mixture onto the screen, then add more water to the tube and shake again before pouring onto the screen. Repeat until the wash water is clear. Rinse water over the screen to remove clay particles from the sand.
3. Invert and fit the funnel into the top of the sieve. Insert the tip of the funnel into the mouth of the glass tube. Wash the sand from the screen into the tube by pouring clean water to back flush. Allow the sand to settle. From the graduations on the tube, read the percent by volume sand.

Please Note: Several factors will dictate the most appropriate concentration rate. Please contact your nearest IMDEX representative for optimum results.

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