



LRMUD-7 Drilling and Trenching Polymer

DESCRIPTION

Rantec LRMUD-7 is a low viscosity emulsion ready for mixing in fresh water. LRMUD-7 is a synthetic based polymer for use in drilling and trenching applications.

RMUD-7 produces solutions which are high in viscosity and pseudoplastic in nature. The anionic charge of the molecules is highly substantive to clay particles and works well to stabilize swelling and dispersive clays.

VISCOSITY

RMUD-7 Viscosity Yield

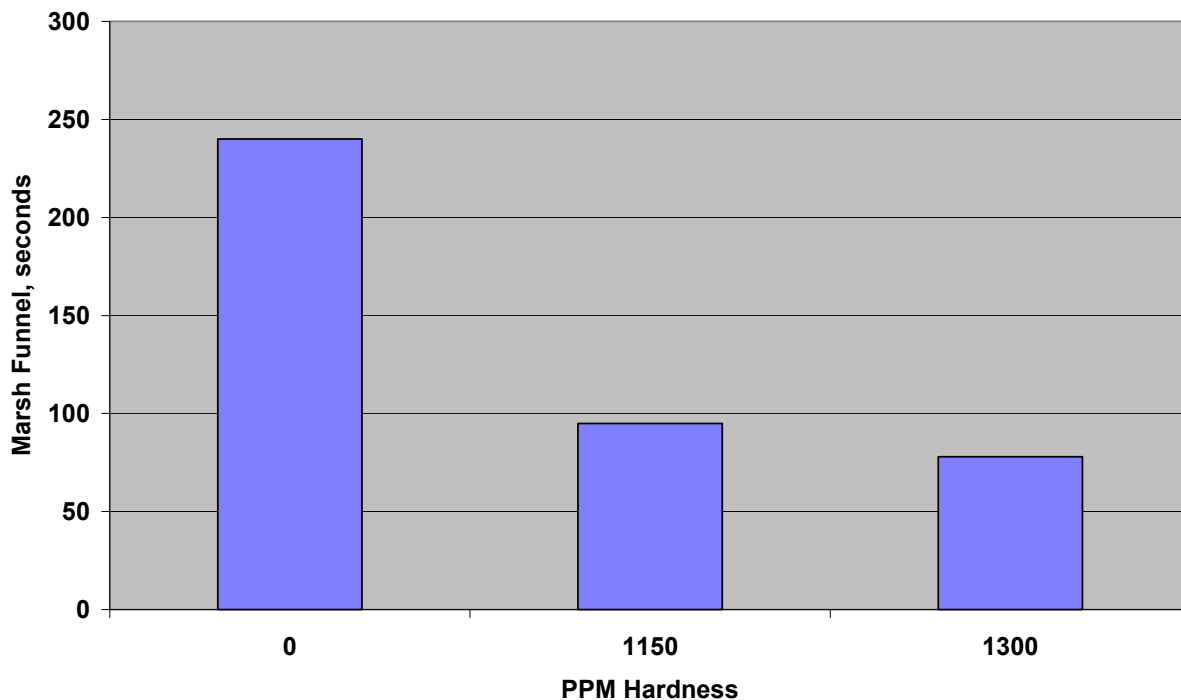


Figure 1

Continued

Viscosity, as measured by the Baroid Rheometer or a Marsh funnel, is the most common measure of the slurry quality. Figure 1 shows the viscosity of Rantec RMUD-7 in various water qualities. We recommend use of 30 to 35 lb RMUD-7 per 1000 gallons or testing prior to use in actual mix water.

RMUD-7 is highly efficient in producing viscosity. It is easily mixed with fresh water. Do not over mix or expose to high shear conditions.

PROPERTIES

Appearance	Opaque Liquid
Specific Gravity at 25°C	1.04 +/- 0.02
Viscosity as Supplied at 25°C	500 to 1500 cps
PH of 1.0% Solution at 25°C	7.0 +/- 1.0
Freeze Point	-15°C
Flash Point	>93°C
Shelf Life	6 Months*

*May be re-suspended by thorough mixing.

PACKAGING and STORAGE

Rantec LRMUD-7 is available in 42-lb pails or 55 gallons drums. Store in a heated building. If frozen, the product should be allowed to thaw completely and agitated prior to use. Store only in original packaging. Spills should be wiped up with an absorbent material and then washed down with a bleach solution.

SAFETY

Please refer to the MSDS for details of safe handling and storage of LRMUD-7.

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