



730 North Anderson Road
 Rock Hill, South Carolina 29730
 P: 803.327.3833
 F: 866.402.0133
 www.AquaSolCorp.com

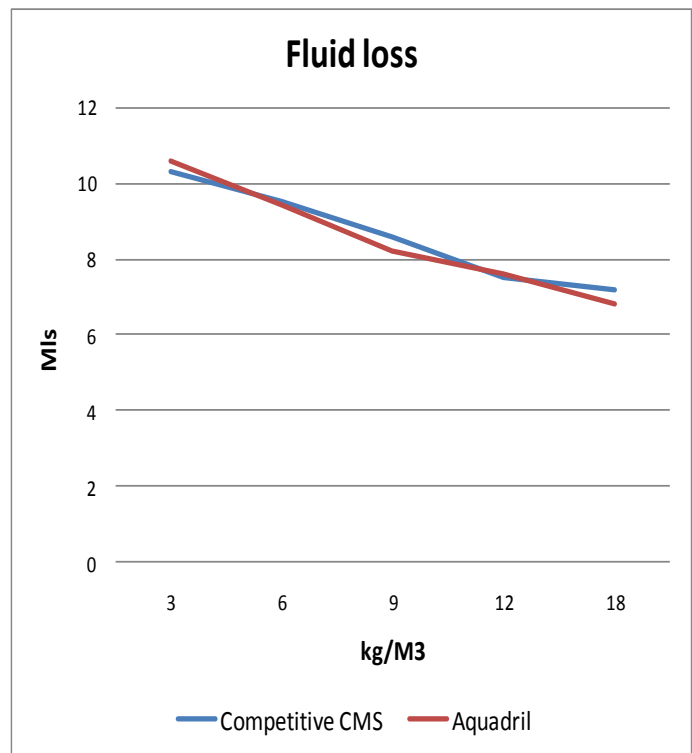
Aquadril

Aquadril is Carboxymethyl Starch or Poly Anionic Starch. It is manufactured as a fluid loss control agent for water based drilling fluids. Due to the polymers employed in the product it has been certified to pass the Microtox test .

Properties

Aquadril provides fluid loss control with minimum increase in viscosity in most water based drilling fluids. The product is designed as an economical alternative to CMC or PAC products. It can also be used in combination with PAC/CMC as a low cost extender and there is reported evidence that a synergy can exist between Aquadril and PAC producing better results than either individually. It is common to use a 1:1-3:1 ratio of Aquadril to PAC. Aquadril is effective up to 275* μ f. The high level of modification on the Aquadril also offers effective protection against biological attack and a biocide is neither contained nor required.

Aquadril is effective at low concentrations ranging from 0.25-1.5 PPB (0.71-4.28kg/CM). Compared to LV PACs Aquabloc will produce less viscosity but higher gels. Down hole, the Aquadril forms a thin resilient low permeable filter cake which minimizes the potential for differential sticking, and the invasion of damaging filtrate and mud into the formation.



Characteristics

- Appearance Off White Powder
- Ionic Character Anionic
- Moisture <12%
- pH 8-10
- Density 1.5

Applications

- Oil and Gas Drilling
- Horizontal drilling

Environmental

- Fully biodegradable
- NSF 60/ANSI Applied for
- Microtox approved

Packaging and Product Form

- 50 lb paper sacks
- Custom packaging and private label