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OrganoSol Series Products

In recent years, non-aqueous fluid systems (NAF's) have become the fluid of choice for today's horizontal drilling applications. To complement its water-based fluid additive portfolio, AquaSol invented the OrganoSol line of products, a naturally based polymer for HTHP fluid loss applications in NAF's.

Natural Polymer Based

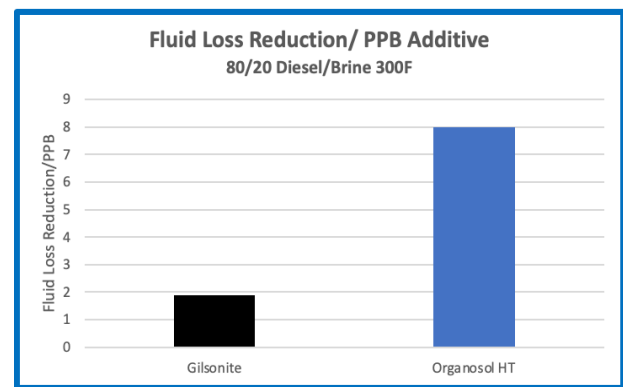
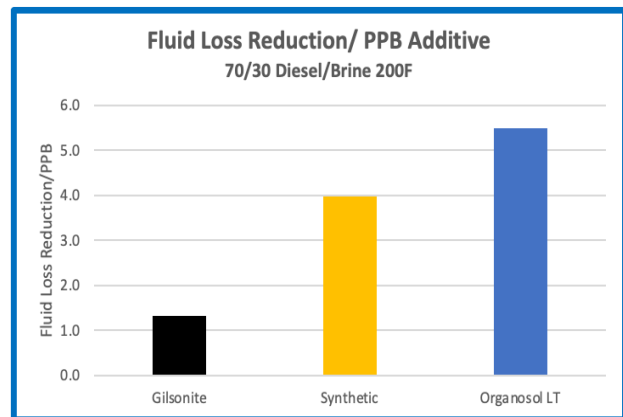
Unlike most NAF additives, the OrganoSol line of products are based on sustainable natural polymers relieving the environmental pressure on NAF's. They are white powders and produce a more environmentally friendly fluid. The natural polymer base also facilitates quick and easy cleanup

OrganoSol products function to deliver fluid loss in both clay based and clay free NAF's. OrganoSol is compatible with sodium chloride or calcium chloride brine internal phases over a range of densities and oil/brine ratios. Performance is not altered by base-oil types, such as diesel, synthetic or mineral oil based fluids. In addition these products perform in either direct or invert emulsions.

OrganoSol is typically used at concentrations of 1.0-2.0 lb/ bbl resulting in significant economic benefits over the competitors product.

Temperatures

OrganoSol LTA is designed for low to moderate downhole temperatures (150F-275F) while OrganoSol HT is designed for higher temperature exposure (275F-350F).



Economy & The Environment

The bottom line is economy. Unlike many other OBM fluid loss additives, OrganoSol's natural polymer base helps to minimize product variability as well as the cost impact of synthetic or high temperature asphaltene products.

The environmentally friendly characteristics of this new product line helps to 'green up' the perception of NAF's. All AquaSol products are manufactured in the USA.

Characteristics

- Appearance Off White Powder
- Ionic Character Anionic
- Moisture <12%
- pH 8-10
- Density 0.5

Applications

- Fluid loss for oil Based Drilling Fluids

Environmental

- Fully biodegradable

Packaging and Product Form

- 25/50 lb paper sacks
- Custom blends
- Private label