



enventives

VEN-REZ I™

RECOMMENDATIONS

Ven-Rez I™ can be used to thin almost all types and densities of water based drilling fluids.

In addition, it will function as an effective emulsifier in oil-in-water muds and will provide some emulsification and dispersing properties for liquid lubricants.

Ven-Rez I™ can be used to stabilize salt-contaminated muds.

Ven-Rez I™ is particularly effective as a high temperature filter loss additive in water based systems. Approximately 0.5-2.0 lb/bbl Ven-Rez I™ is usually required to produce optimum thinning of water based muds. If sufficient alkalinity is not present in the mud, it may be necessary to add up to 0.5 lb/bbl or more of caustic soda.

When Ven-Rez I™ is being used to emulsify oil or liquid lubricants or to disperse hydrocarbon based lubricants in water muds, concentrations of 2-6 lb/bbl are common.

High temperature (above 350°F) filtration control can require 6-10 lb/bbl or more of Ven-Rez I™. The actual concentration required depends on the mud system, bottom hole temperature, and other factors. Generally, the higher the temperature, the more Ven-Rez I™ required. If extremely high concentrations of Ven-Rez I™ are required, it can be added directly through the mud hoppers as a solid.

Ven-Rez I™ is water soluble and is not designed for use in oil based mud systems.

GENERAL INFORMATION

Ven-Rez I™ is a chrome-free resinated lignite derivative engineered with a potassium ion to provide improved filtration control and stabilize rheological properties in high temperature water base muds while providing increased levels of shale inhibition and stabilization. Ven-Rez I™ is based on a new lignite derived resin. It is compatible with most water based drilling mud additives.

PACKAGING

Ven-Rez I™ is packaged in fifty (50) lb multi-wall paper bags with an internal polyethylene liner.

TYPICAL PROPERTIES

Composition	: Resinated humate
Form	: Free Flowing Powder
Color	: Black
pH, in 2lb/ bbl solution	: 8.5
Solubility In water	: Soluble
Solubility In oil	: Insoluble

PRECAUTIONS

See the Safety Data Sheet for more detailed information concerning storage, handling, transportation, disposal and safety requirements.