



enventives

# VEN-CHEM 208™

## RECOMMENDATIONS

Ven-Chem 208™ is for use in synthetics, oil bases and invert emulsion muds and can be added directly to the system through the hopper. Typical treatment levels are 2-10 lb/bbl depending on the desired level of control, the type of system used, and the bottom hole temperature.

Ven-Chem 208™ can be used in many types of systems, such as synthetics, mineral oil muds, diesel muds, 100% oil phase muds, coring fluids and oil base workover and completion fluids. It is compatible with most types of emulsifiers, oil wetting agents and mud viscosifiers in current use.

Ven-Chem 208™ can be used effectively at bottom hole temperatures up to 400° F and applications at even high temperatures are possible through use of a special "slug treatment" technique. Contact enventives, LLC. for further information.

Technical assistance is available in designing a complete system or handling routine and special drilling problems.

## GENERAL INFORMATION

Ven-Chem 208™ is an oil-dispersible, powdered organophilic lignite engineered for superior filtration control in oil base and invert emulsion mud systems. Ven-Chem 208™ is a chemically modified, organophilic lignite and contains no asphalt or asphalt derivatives. Ven-Chem 208™ provides rapid and effective reduction of excessive fluid loss in diesel oil, mineral oils, and high bottom-hole temperatures. Secondary benefits of Ven-Chem 208™ treatments are improved emulsion stability, improved suspension, and more stable rheological properties.

## PACKAGING

Ven-Chem 208™ is packaged in fifty (50) lb multi-wall paper bags with an internal polyethylene liner. Prices for special packaging will be quoted on request.

## TYPICAL PERFORMANCE

80:20 Oil:Water Ratio Invert Mud System Muds hot-rolled 16 hrs. @ 350 °F

	Base Mud, No Fluid Loss Additive	Base Mud @ 10 lb/bbl Ven-Chem 208™
Apparent Viscosity, cp Plastic	75	68
Viscosity, cp Yield	64	61
Point, lb /100 sq.ft. Gel	24	14
Strength ,lb/100 sq.ft. API	2/8	2/6
HT-HP filtration test @ 300 °F 500 psi, ml	40	10

\* Base Mud Formula; Exxon Mentor 28, 0.67 bbl; Calcium chloride, brine, 0.17 bbl; Primary emulsifier, 1 gal/bbl; Secondary emulsifier, 0.7 gal /bbl; Lime hydrate, 3.6 lb /bbl; Organophilic clay, 5.5 lb /bbl; Barite, 229 lb/bbl.

## TYPICAL PROPERTIES

Form	: Free Flowing Powder
Color	: Black
pH, in water (3% solution)	: 6.0-10.0
Solubility, in oil	: slightly soluble and highly dispersible down to colloidal size
Solubility, in water	: insoluble
Bulk Density, lb/ft compacted	: 47-55
uncompacted	: 42-50

## PRECAUTIONS

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