

**Oil Drilling  
Organoclay**

Revised 05/2006

**GelQuest™ 200**

<b>General Description</b>	An organoclay rheological additive designed to offer cost effective performance in drilling mud applications.
<b>Functional Use</b>	GelQuest 200 is an easy dispersion formulation of organophilic clay developed for use with low toxicity oil and diesel based drilling muds as a viscosifier and anti-settling additive.
<b>Composition</b>	Quarternium Montmorillonite

**Typical Specification**

<b>Colour</b>	Light tan
<b>Moisture</b>	3% Maximum
<b>Spec. Gravity</b>	1.7- 1.8
<b>Form</b>	Free flowing powder
<b>Particle size</b>	>85% passing 75 microns

<b>Performance</b>	GelQuest 200 is used to increase the yield point and gel strength of an oil mud system and is effective in improving the carrying capacity of low weight oil muds. GelQuest 200 was developed to produce high yielding drilling muds with similar performance before and after hot-rolling.
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**Typical Analysis**

Results given below are using invert drilling muds.  
Testing system:  
75:25 invert using low aromatic base oil and 0.75 activity CaCl<sub>2</sub> brine. Mud weight 11 ppg.

	AV	PV	YP	GELS
Fresh mud at 10 ppb Gelquest 200	46	31	29	34/46
Aged Mud (250F)	72	53	38	16/35

<b>Treatment</b>	GelQuest 200 is recommended for use at 5-12ppb on yield point required.
<b>Packaging</b>	25 kg paper sacks or 50lb paper sacks on request.

**Disclaimer:** The information and data contained herein are believed to be accurate and reliable. ACC makes no warranty of any kind and accepts no responsibility for the results obtained through application of this information