



长兴广达新型材料有限公司

Changxing Guangda New Materials CO.,LTD

GDGEL-D94 RHEOLOGICAL ADDITIVE

Description GDGEL-D94 Organophilic Clay is an easy dispersing, self activating organoclay that exhibits high performance efficiency in diesel, low aromatic mineral oil, modified vegetable oil and synthetic base fluid formulation. GDGEL-D94 unique rheological structure suspends weighting materials and other solids with less increase in viscosity and gel strength than conventional bentonite. It is highly effective in distillate and mineral oil based invert fluids.

Properties	Composition	Organic derivative of a montmorillonite clay
	Appearance	Fine light powder,
	Moisture content (105°C, 2hr)	≤4.0%
	Bulk density	0.45-0.48g/cm ³
	Fineness (<74 μm, %)	≥98%
	5% Mineral Oil Gel, 600rpm, CP	≥35
	5% Mineral Oil Gel, YP	About 10

- Advantages**
- Effectively suspends weighting materials and other solids
 - Maintains suspension over a wide temperature range
 - Eliminates need for chemical activators
 - Easy to disperse and rapid yielding

Application GDGEL-D94 is a self-activating gallant offering rapid yield development, high gel strengths, and increased efficiency. The unique properties of GDGEL-D94 are especially valuable in low-shear mud plant operations and during completion fluid manufacture at the well site

Base oil:

Diesel Oils
Mineral Oils
Synthetic Oil
Linear and isomerized Alpha Olefins
Modified vegetable oil

Viscosifying drilling Fluids:

All oil based drilling fluids
Invert emulsion fluids
Workover fluids
Fracture fluids

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**Package
&Storage**

Kraft paper bag with PE liner or multi-wall paper sacks or customized. 25kg/bag or 50LB/bag or customized. GDGEL-D94 has a shelf life of 24 months, and should be stored in ventilated cool and dry place.

Notice

The information on use is based on data which are believed reliable, but any recommendation or suggestion made is without guarantee or warranty, since the conditions of use are outside our control. All products are sold on the conditions that purchasers shall make their own tests to determine the suitability of such products for their purpose and that all risks are assumed by user. We disclaim any responsibility for damages resulting from careless or improper handling or use. Nothing herein is to be taken as permission, inducement or recommendation to practice any patented invention without a license.

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