

WATER OR OIL BASE DRILLING FLUIDS

GILSOBLOCK in powder, a natural bitumen of gilsonite, has high softening point and allows the extrusion of the product in the formation fractures and bedding planes. It helps the agglutination of the matrix to avoid landslide. **GILSOBLOCK** has no chemical treatment and can be used in water or oil base drilling fluids with temperature up to 400 F° (205 C°).

Typical Physical Properties

Physical appearance..... Black powder
Specific gravity..... 1.05
Granulometry..... Pass through 60% mesh 100

Applications and Functions

- * Stabilizes shales.
- * Control fluid lost.
- * Reduce fluid invasion with a plugging mechanism.
- * Minimizes the differential sticking

Advantages

- * Improves the control of fluid loss.
- * Supplies an optimum seal and deposition to the mud cake.
- * It easily mixes with water and oil based drilling fluids.
- * Minimizes the differential sticking.

Advisable Treatment

- * In water-base systems:
Add 2-10 pounds/bbl (5.7 - 28.5 kg/m³).



Note: a suitable wetting agent must be added in order to moisten in a preferential way the bitumen particles: 0.1 - 0.2 pounds/bbl (0.29 - 0.57 kg/m³)

- * In oil-base drilling fluids:
Add 5-35 pounds/bbl (14.2 - 99.9 kg/m³).

Packaging and Storage

GILSOBLOCK is packaged in 25 kg (55 lb) sacks. Store in a dry area away from ignition or heat sources. Minimize the presence of dust.

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Productos para inyección y Medio Ambiente