

Gilsonite[®] GM-P

Description

Gilsonite[®] is a naturally occurring glossy black asphaltic, solid hydrocarbon resin with a low specific gravity. Gilsonite[®] GM-P is a gilsonite to be used in oil-based drilling fluids. Major component of Gilsonite is carbon, while it contains several other elements. It is soluble in various petroleum and chlorinated solvents.

Applications

Gilsonite[®] GM-P is a filtration agent with high softening point. It can be used in all invert emulsion systems. Gilsonite[®] GM-P can extrude into formation microfractures to form a sealing, plugging and bonding mechanism. This helps stabilize shales and prevents sloughing. It reduces washouts in interbedded sand sequences, seals low-pressure and depleted formations.

Features and Benefits

- Gilsonite manufactured to be used in invert emulsion fluid systems
- It has a high softening point (350°F)
- Effective in reducing HPHT fluid loss
- Inhibits sloughing of shale formations
- Helps reducing torque and drag
- Minimizes potential differential sticking in depleted sands
- Helps minimize hole washout

Typical Properties

Appearance	Powder
Color	Brown to black
Specific Gravity	1.06
Softening Point	> 350°F (177°C)
Moisture	< 1.0%

Recommended Treatment

Typical concentrations of Gilsonite[®] GM-P are between 4.0 – 10.0 lb/bbl (11.5 – 28.5 kg/m³) for shale stabilization and 4.0 – 6.0 lb/bbl (11.5 – 17.0 kg/m³) for high temperature high pressure fluid loss control.

Safety and Handling

Prior to using this product, refer to the safety data sheet for information on use of personal protective equipment, safe handling, storage, transport, and disposal.

Packaging

Gilsonite[®] GM-P is available in 50 lb (22.7 kg) and 55 lb (25 kg) bags.

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