

GILSONITE

CONTROL API AND HTHP FLUID LOSS

Gilsonite is a naturally occurring hydrocarbon. It is mined and ground to the desired particle size.

Gilsonite is used in drilling mud fluids and oil well cementing. **Gilsonite**, in a range of softening points and particle sizes, is a standard ingredient in oil-based drilling muds used in shales and other difficult geological formations.

The addition of specially-treated **Gilsonite** to water-based drilling fluids helps minimize hole washout by stabilizing troublesome shales, and seals off highly permeable sands while reducing torque and drag.

The addition of **Gilsonite** to oil well cements reduces slurry weight without loss of compressive strength and acts as an effective bridging and plugging agent to seal fractures in weak formations while cementing.

When mixed with organophilic clays, **Gilsonite's** particular grind size and softening point are ideal for reducing whole mud losses to the formation.

PHYSICAL PROPERTIES:

Appearance: Black-brown powder
Specific Gravity: 1.06
Moisture Content: 1.0%
Flash Point: 316%

CHEMICAL PROPERTIES:

Type: Hydrocarbon resin
Solubility: Soluble

MIXING & HANDLING

Gilsonite is relatively stable and of low hazard. However it should not be stored or used near strong oxidizing agents such as chlorates, nitrates or peroxides.

Excessive dust is subject to combustion or explosion upon contact with spark or open flame. Use good industrial hygiene practice to avoid eye and excess skin contact. Wear a protective dust mask and goggles when handling and mixing.

WHMIS: Not controlled

TDG: Not regulated

Packaging: 50lb sack

