



Technical Data Sheet

GILSONITE HT 450

Product Description

GILSONITE HT 450 is gilsonite used for High-Temperature, High-Pressure filtration control in oil-base systems. **GILSONITE HT 450** is soluble in aromatic solvents (Benzene, Toluene, Xylene) and in most chlorinated solvents.

Applications: Reduction in both API and HTHP fluid loss in oil-base muds, and improve overall emulsion and thermal stability.

Treatments: Typical concentrations range from 2 to 8 lb/bbl with daily additions in 0.25 to 1 lb/bbl. Special application could require higher concentration of 10 lb/bbl.

When mixing in the initial formulation, add **GILSONITE HT 450** last. For existing systems **GILSONITE HT 450** may be added at anytime.

Typical Particle Sizing	
Mesh	% Retained
35	99.9%
65	98%
100	92%
200	75%

KEY BENEFITS

- Reduces API and HTHP fluid loss in oil-base systems.
- Enhances emulsion and thermal stability
- Sealing low-pressure and depleted formations.

Key Properties	
Color	Black
Physical Form	Powder
Sg	1.06
Flash Point	316°C, 600° F
Softening Point	450° F
Packaging	50 lb Sacks