



Description

OBM-Filtration Control is a high-quality grade of natural asphalt-based agents that is widely used in oil-based mud systems to minimize filtration and forming thin filter-cake in wellbore surface in high temperatures (up to 300 Fahrenheit degrees). OBM-Filtration Control is modified Gilsonite which is excellent filtration control in temperatures above 160 °F. It is soluble in crude oil in high temperatures, and increases emulsion stability of oil-based mud in different mud densities and oil/water ratios.

Application

Main function of OBM-Filtration Control is lowering filtration properties in oil-based muds in order to minimize water loss, aids in emulsion stability and decrease the possibility of unwanted changes in drilling fluids' parameters in high temperature wells. It can be used in workover and completion operations as well as drilling. It exhibits the best performance in temperatures above 275 °F, which dissolves in oil in shortest time.

Advantages

- Forming high quality filter cake on wellbore walls
- provides excellent filtration characteristics.
- Compatible with most types of regular oil-based muds
- Easy to mix
- Stable up to 300°F
- Increase emulsion stability characteristic
- Minimize filtration damage in reservoir formations

Treatment

Depending required filtration properties, normal concentrations for OBM-Filtration Control ranges from 8 to 14 lb/bbl (22-40 Kg/M³) in oil-based muds. It should be added slowly through rig hoppers. Treatments must be performed on an incremental basis to prevent any overtreatment and cost increment. In high temperatures (more than 250 °F), the concentration of OBM-Filtration Control must be increased with rate of 20-25%.

Typical Properties

APPEARANCE	Black powder
SPECIFIC GRAVITY (approximately)	1-1.1

Packaging

OBM-Filtration Control is available in 25-KG SXS.