

LIGNITE

Description

LIGNITE is a naturally oxidized coal known as Leonardite.

Applications

LIGNITE is used in water based fluids as a thinner (dispersant), oil emulsifier and a filtration control / stabilization agent for high temperature mud systems.

Features and Benefits

- LIGNITE is a much more stable thinner and filtration control additive at high temperatures than are the lignosulfonates.
- Unaffected by cement contamination
- Improves filtercake quality
- Recommended for high temperature applications
- Compatible with other standard mud additives
- Improves the thermal stability of the fluid
- Helps provide rheological stability

Typical Properties

Appearance	Powder
Color	Brown / Black
Specific Gravity @ 25°C	1.60 – 1.80
Temperature Stability (°C)	200

Recommended Treatment

The typical dosage of LIGNITE is at 2.0 – 6.0 lb/bbl (5.7 – 17.1 kg/m³). Final concentration will depend on the specific application. Solids content and temperature are the drivers for final dosage.

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

LIGNITE is available in 50 lb (22.7 kg) and 55 lb (25 kg) bags.

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