

Product Information

LIGNITE

PRODUCT DESCRIPTION

Lignite is a naturally oxidized coal known as Leonardite.

APPLICATION

Lignite is used in water based muds 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.

Lignite requires the presence of hydroxyl ions (OH), i.e. Caustic sods, to maximize its effectiveness. A pH above 9.5 is required to provide effective deflocculation and dispersion.

RECOMMENDED TREATMENT

Normal concentrations vary from 6.0-30.0 kg/m³ depending on the solids content of the system.

TYPICAL PHYSICAL PROPERTIES

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|-----------------------|--------------------|
| Appearance | Brown/Black powder |
| Specific Gravity | 1.6-1.8 |
| Temperature stability | 200°C |

AVAILABILITY

Lignite is packaged in 22.68 kg bags.