



Product Information

Lignite

GENERAL DESCRIPTION

Lignite is a naturally oxidized coal known as Leonardite.

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

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

HANDLING

Lignite is a controlled product using the WHMIS classification. Refer to MSDS information for specific precautions and handling.

AVAILABILITY

Lignite is packaged in 22.68 kg bags and is available from HiTech Fluid Systems Ltd.