LIGNITE

P701.9304

WBM Drilling

Product Description

LIGNITE is a naturally oxidized coal called Leonardite.

Product Function

LIGNITE requires the presence of hydroxyl ions (OH) for maximum effectiveness. Mix directly through the mud hopper. Addition of caustic soda is required to maintain the pH at 9.5 or higher for effective deflocculation and dispersion.

Features and Benefits

LIGNITE is used in water based mud as a thinner (dispersant), oil emulsifier, filtration control and stabilization agent for high temperature mud systems. As a drilling fluid additive, LIGNITE has a temperature stability of up to 200°C.

Recommended Treatment

Concentrations may vary from 3.0 – 30.0 kg/m³ depending upon the solid content of the system.

International Shipping References

Transportation of LIGNITE is not restricted by any regulatory agency.

Standard Packing

LIGNITE is packaged in 50 lbs polyethylene multiwall sack.

Safe Handling Recommendations

Utilize normal precautions for employee protection when handling chemical products. Use of appropriate respirator, gloves, goggles and apron is recommended for employee comfort and protection. Refer to the Material Safety Data Sheet (MSDS) for this product prior to use.

Typical Physical Properties

- Physical State: Solid
- Reservoir Compatible: Non-Reservoir
- Sub Category: Shale Stabilizer
- SG value: 1.3
- Bulk Density Kg/m³: 700 - 900
- Max Temperature: 392
- Category: Filtration Control
- Product Tier: Regular
- Appearance: Brownish-Black powder
- pH (2% solution): 3.0 - 4.0

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