

ORGANOPHILIC LIGNITE HTHP

Technical Bolletin

LOSS CIRCULATION REDUCER SYNTHETIC AND PARAFFINIC BASED

ORGANOPHILIC LIGNITE controls the rheology and reduces circulation loss. It can be use at a way range of temperatures, reduce flocculation and stabilize the drilling fluids in paraffinic base. It can also act as a primary emulsifier with fresh water or salt. It has an alkaline pH, therefore does not require significant caustic addition to maintain a stable pH. **ORGANOPHILIC LIGNITE** is a liquid additive that provides thin filter cakes of low permeability accompanied by a low fluid loss.

This product is especially effective in high-temperature applications and scatter systems as a synergistic additive with lignosulfonates. It can be used in any liquid or synthetic paraffinic base.

Typical Physical Properties

Physical appearancedark brown liquid
Specific gravity.....1.2-1.3
Ph (at 25°C).....10-11

Applications and Functions

ORGANOPHILIC LIGNITE can be used to control rheology and filtration in all paraffin base sludge and to help maintaining a constant pH. To stabilize the sludge characteristics exposed to high temperatures and contaminants such as calcium.

ORGANOPHILIC LIGNITE does not require additional treatments with caustic soda. The treatments of **ORGANOPHILIC LIGNITE** normally vary from 10 to 100 lb / bbl (28.5 to 285 kg / m³).

Benefits

- * Improve leaks controls.
- * Maintain a constant pH and reduces soda caustic treatments.
- * Resist pollution effects.
- * Improves cakes filtration quality by reducing its thickness and permeability.
- * Reduces sticking tendency on the wellbore wall.
- * Works like a primary and secondary emulsifier in presence of fresh water or salt.
- * Stabilizes the rheological properties of the sludge.
- * Contains few heavy metals unlike other deflocculant.



Injection and Environmental Products

Toxicity and Management

ORGANOPHILIC LIGNITE should be handled as any other industrial chemical, with personal protective equipment and observe the precautions that indicates the Safety Data Sheet for Transport and Materials.

Packaging and Storage

The product is supplied in buckets of 20 liters capacity and pallet of 36 buckets. Storage in cool and dry places is recommended.

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