

Organic inhibitor HBN

Shale Inhibitor

Description

Organic clay inhibitor brand HBN is intended for all types of drilling fluids when drilling clay deposits in order to prevent the dispersion of clays and cavities, are anti-seal additives, drilling intensifiers, reducers of the colloidal phase of drilling mud.

Applications/functions

- It is used to increase inhibiting properties, reduce MBT and solution production.
- Increases the lubricating properties of mud.
- Reduces the risks of omentum formation.
- It is used to preserve reservoir properties when drilling productive formations.
- To reduce the value of interfacial tension at the boundary "drilling fluid filtrate - hydrocarbon".
- To increase the ROP - drilling intensifier.

Advantages

- Compatible with all types of water-based solutions.
- Increases wellbore stability time by 1.8-2 times.
- Increases ROP by up to 25%.
- Environmentally friendly.
- Increase in oil flow rates of exposed reservoirs by 1.5-2.5 times.
- Reducing well construction time by 3-5 days.
- Improvement of filtration and rheological parameters of drilling mud.

Typical properties

- | | |
|------------------------------|--------------|
| • Appearance | Brown liquid |
| • Density, g/cm ³ | 0,85-0,98 |
| • pH (1 % aqueous solution) | 6,5 – 8,5 |

Recommended treatment

Add 0.25 to 4.5% by volume to the circulation system. Concentration of product declines as you drill, so timely monitoring and supportive treatments are essential.

Package

Organic inhibitor HBN is packaged in 208L drums.
