

# AcreteBlok

## Antiaccretion additive

### APPLICATIONS

- Drilling operations using HydraGlyde Optima\* flexible high-performance water-based drilling fluid system

### ADVANTAGES

- Reduces the adherence tendency of hydratable shale
- Prevents or reduces accretion tendencies on bottomhole assembly (BHA)
- Counteracts bit balling
- Lowers surface tension
- Classifies environmentally yellow Y1 (Norway regulatory category)

### LIMITATIONS

- Avoid system pH greater than 9.5 to minimize odor

AcreteBlok\* antiaccretion additive is specially designed to prevent bit balling and accretion on the stabilizer and drillstring in the HydraGlyde Optima flexible high-performance water-based drilling fluid system. It coats drill cuttings and metal surfaces to reduce the sticking tendency of hydratable as well as dispersible shales. Preventing accretion and balling with AcreteBlok additive makes trips easier while reducing the risk of hole packoff.

This agent prevents shale cuttings from sticking to a bit, stabilizer, and drillstring during drilling operations and assists with reducing drag, enhancing ROP, and allowing mechanical solids control equipment to remove drill cuttings more efficiently.

AcreteBlok additive lowers the surface tension, which makes hydratable clays less likely to adhere to each other and to steel surfaces. It is important to monitor cuttings condition at the shakers during drilling operations. Sticky cuttings may indicate an insufficient amount of the agent in the system.

Typical concentrations of AcreteBlok additive range from 3% to 9% by volume, which also reflects the flexibility of the system, enabling it to be designed for each well's needs. After the initial treatment, periodic treatment should be made to maintain the desired concentration. Higher concentrations may be needed for special applications, such as reaming operations.

A specific test procedure is used to determine product concentration, and a calibration curve should be made prior to operation to shorten data processing time.

### Toxicity and handling

HOCNF is accessible through operator's NEMS' account. Handle as an industrial chemical, wearing protective equipment and observing the precautions described in the SDS.

### Packaging and storage

Standard pack unit: 55-galUS [208-L] drums, cubic-meter intermediate bulk containers, or in bulk. Store in a dry, well-ventilated area. Keep container closed. Protect from freezing. Keep away from heat, sparks, and flames. Store away from incompatible materials.

### Typical Physical Properties

Physical appearance	Orange liquid
Odor	Mild or faint
Specific gravity	1.10
pH value	7.5 to 9