

BLACKNITE®

THE ULTIMATE BOREHOLE STABILIZER

BLACKNITE® is Sun's original, patented, and most successful borehole stabilization and HPHT fluid loss control product. **BLACKNITE®** contains multisized particles in a proprietary blend containing coupled gilsonite, glycol, and surfactant that actually strengthens the well bore minimizing washout and spurt loss.

What makes BLACKNITE® the best? **BLACKNITE®** is specially blended to offer beneficial PSD (particle size distribution) additives to the drilling fluid. **BLACKNITE®** stabilizes the borehole, the drilling fluid and the wall cake better than other products. (See comparative graph below)

Advantages

- ◆ HPHT and dynamic fluid loss control
- ◆ Improves filter cake texture and compaction
- ◆ Enhances borehole stability
- ◆ Provides broad PSD for micro fracture sealing
- ◆ Assists in sealing depleted formations
- ◆ Aids in reactive shale stability
- ◆ Enhances rheology control
- ◆ Non-toxic
- ◆ Non-sheening
- ◆ Compatible with most water based fluids
- ◆ Environmentally safe, LC₅₀ >880,000

Physical Properties

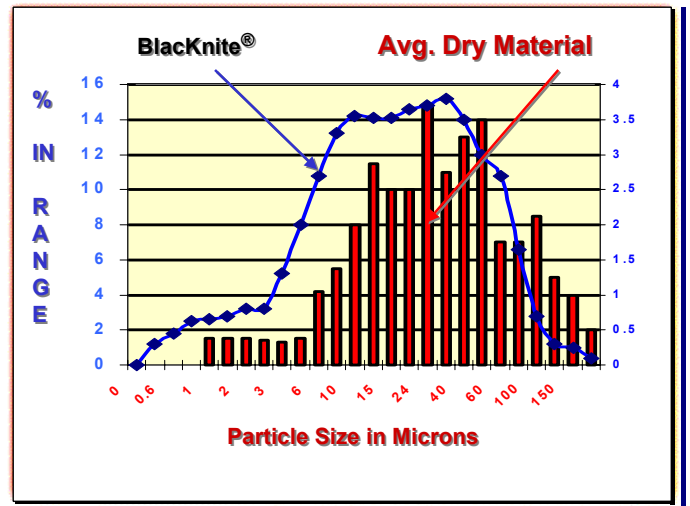
- ◆ Form: Liquid
- ◆ Color: Black
- ◆ Specific Gravity: 1.08
- ◆ Pour Point: -4°F (20°C)

Recommended Treatment

- ◆ **BLACKNITE®** can be mixed directly in mud systems. Additions of **BLACKNITE®** are best accomplished by adding the product directly through the suction tank or the rig hopper; however, the product can be added as a chemical pre-mix when necessary.
- ◆ Concentrations of 1-3%, depending on mud density, will be sufficient for borehole stability, HPHT rheology control, inhibition, and HPHT filtrate reduction.

Packaging

- ◆ **BLACKNITE®** is available in 55-gallon (208 L) drums, 550-gallon (2,082 L) bulk containers or disposable tote tanks.



Sun ... The HOLE Solution Company!

1-800-962-6490

www.sundrilling.com