



DRIL-TROL™ “QD”



DRIL-TROL™ “QD” is a unique highly concentrated proprietary dry polymer designed for use in rotary drilling and horizontal directional drilling operations. It conditions drilling fluids to control fluid loss, prevent formation clays from swelling, and will keep tools clean by preventing bit balling. DRIL-TROL™ “QD” also aids in the effective operation of solids control equipment by dropping silts and sands from the fluid. It is environmentally safe and non-fermenting. Unlike most polymers, DRIL-TROL™ “QD” is tolerant to brackish and harsh water conditions.

DRIL-TROL™ “QD” ADVANTAGES:

- Safe: Non-polluting, Non-fermenting
- Controls fluid loss
- Coats and inhibits clays
- Builds viscosity
- Quick dispersing
- Performs in saline environments
- Reduces friction — drag and torque

3 EASY STEPS FOR EFFECTIVE DRILLING FLUIDS:

1. Treat make-up water with soda ash to a pH of 8 to 9.
2. Add bentonite product: EXTRA HIGH YIELD™ or TRU-BORE®.
3. Add DRIL-TROL™ “QD”.



Below are typical application rates for DRIL-TROL™ “QD” and other products for use in certain drilling conditions.

FOR 300 GALLONS OF MAKE-UP WATER:

Add approximately ¼ pound of soda ash to bring water a pH of 8 to 9. In any fluid, always add bentonite products before adding the polymer.

CLAY — 40-45 sec/qt
EXTRA HIGH YIELD™ & DRIL-TROL™ “QD” — 1bag & 4 lbs. DRIL-TROL™ “QD” TRU-BORE® & DRIL-TROL™ “QD” — 1 bag & 3 lbs. DRIL-TROL™ “QD”
SAND — 55-65 sec/qt
EXTRA HIGH YIELD™ & DRIL-TROL™ “QD” — ± 2 bags & 2 lbs. DRIL-TROL™ “QD” TRU-BORE® & DRIL-TROL™ “QD” — 1½ bags & 1 lb. DRIL-TROL™ “QD”
UNKNOWN OR MEDIUM SOILS — 45-55 sec/qt
EXTRA HIGH YIELD™ & DRIL-TROL™ “QD” — 1½ bags & 3 lbs. DRIL-TROL™ “QD” TRU-BORE® & DRIL-TROL™ “QD” — 1 bag & 3 lbs. DRIL-TROL™ “QD”

DRIL-TROL™ “QD” is available in resealable 12 lb. plastic jugs – 3 jugs per case.