

HYDRAUL-EZ[®]

HORIZONTAL DIRECTIONAL DRILLING FLUID



DESCRIPTION

HYDRAUL-EZ is a high-yield, 200-mesh sodium bentonite with a special dry polymer additive. It is designed to maintain borehole integrity in horizontally drilled boreholes. HYDRAUL-EZ is certified to NSF/ANSI Standard 60, Drinking Water Treatment Chemicals - Health Effects.

RECOMMENDED USE

HYDRAUL-EZ is specially designed for conditions encountered in angle and horizontal drilling. It can be used for all types of freshwater mud rotary drilling and as a jacking lubricant.

CHARACTERISTICS

- Concentrated for high yield
- Eliminates clay and shale swelling, bit balling and sticking problems
- Forms a tight, thin filter cake in unstable formations
- Maintains borehole integrity in horizontal and vertically drilled holes
- Mixes quickly
- Requires less material due to low fluid loss properties

MIXING AND APPLICATIONS

Mixing ratios are based on the use of freshwater. Water purity will affect bentonite performance. For best results, make-up water should be pre-treated with SODA ASH to a pH of 8.5-9.5. HYDRAUL-EZ should be added slowly through a jet/hopper mixer.

HYDRAUL-EZ mixing ratios in pounds per 100 gallons of water:

Normal Conditions	20-30 lbs
Sand and Gravel	30-40 lbs
Fluid loss Control	40-60 lbs

BULK DENSITY

54 lbs/ft³

PACKAGING

50 lb bags, 48 per pallet. All pallets are plastic-wrapped.