

HYDRAUL-EZ

HORIZONTAL DIRECTIONAL DRILLING FLUID

DESCRIPTION

HYDRAUL-EZ is a high-yield, 200 mesh Wyoming-type bentonite with a special dry polymer additive. It is designed to maintain borehole integrity in horizontally drilled boreholes.

RECOMMENDED USE

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

CHARACTERISTICS

- Concentrated for high yield
- Forms a tight, thin filter cake in unstable formations
- Maintains borehole integrity in the horizontally and vertically drilled holes
- Mixes quickly
- Requires less material due to low fluid loss properties
- Hard water resistance

MIXING AND APPLICATION

The mixing ratios are based on the use of fresh water. 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.

BULK DENSITY

0.86 kg/l.

PACKAGING

25 kg bags, 40 per pallet, 1 ton big bags, 650 kg big bags. All pallets are plastic-wrapped.

DRILLING FLUID HYDRAUL-EZ MIXING RATIOS IN KG PER 1 M³ OF WATER

| CONDITION | KG OF HYDRAUL-EZ |
|------------------------|------------------|
| Clay and loams | 15–24 kg |
| Normal | 25–30 kg |
| Coarse sand and gravel | 31–39 kg |
| Fluid loss control | 40–45 kg |