

# 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 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 horizontal and vertically drilled holes
- Mixes quickly
- Requires less material due to low fluid loss properties

### MIXING AND APPLICATION

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. All pallets are plastic-wrapped. 650 kg BigBag.

### DRILLING FLUID HYDRAUL-EZ® MIXING RATIOS IN KG PER 1 M<sup>3</sup> OF WATER

CONDITION	KG OF HYDRAUL-EZ®	% SOLIDS
Normal Conditions	25–35 kg	2,5–3,5%
Sand and Gravel	36–46 kg	3,6–4,6%
Fluid loss Control	47–67 kg	4,7–6,7%