

PF-AQUATROL

Shale inhibitor

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DESCRIPTION

PF-AQUATROL, which is easily soluble in water, is mainly composed of middle-molecular Polyamine and non-ionic Block polyether. With the adsorption on the surface of clay and formation of hydrophobic surface or hydrophobic end, it can prevent clay dispersion and adsorption of water molecule on the surface of clay. It has lower dosage, which is better than that of small molecular organic amine. It can also meet the environmental requirements of the offshore and onshore drilling.

FEATURES

- With the addition into freshwater, saltwater and seawater water-based drilling fluid, it can be rapidly dispersed and has good system compatibility.
- It can effectively inhibit the formation of hydration expansion and guarantee the stability of borehole wall.

APPLICATION

- Applicable temperature: $\leq 150^{\circ}\text{C}$ (BHCT)
- Suggestion dosage: 0.5-2.0%

PACKAGE

- 200 kg/plastic drum or based on customers' request. Carefully take and put. Prevent damage to the packing.
- It should be stored in cool, dry and ventilated areas and avoid being exposed to the sun and rain. Shelf life: 24 months.

Specification

Appearance		Light yellow transparent liquid
pH		>7
Density (20°C), g/cm ³		1.10±0.10
Clay pollution resistance, AV	base mud	≥80
	base mud + 3% sample	≤40
Prevent swelling rate (centrifuging), %		≥80

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