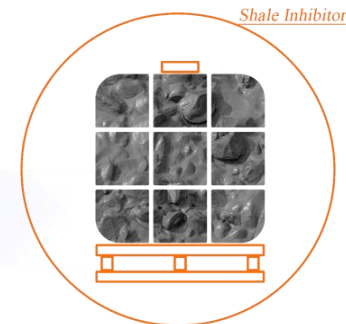


Shale Inhibitor

A low-molecular-weight polyamine-based shale inhibitor
Excellent thermal stability up to 300°F (149°C).



Product #: UBDrill-132



Introduction

- UBDrill-132 shale inhibitor is a blended liquid containing polypropylene glycol & poly ether amine acetate to provide superior inhibition of reactive clay and reduce swelling of sensitive shales exposed to water-based drilling fluids.
- UBDrill-132 is the primary shale inhibitor of polypropylene glycol high-performance water-based drilling fluid system. It acts as a clay hydration suppressant by intercalating and reducing the space between clay platelets so that water molecules will not penetrate and cause shale swelling.
- UBDrill-132 can undergo ion exchange reactions with metal ions such as sodium or potassium on the surface of clay particles and inhibiting the hydration and expansion of clay.

Advantages

- Temperature stable up to 300°F but may achieve higher if use oxygen scavengers.
- Environmentally acceptable both onshore and offshore applications.

Recommended Handling

- A typical treatment range is 1.0-2.0% by volume.
- Use normal precautions for employee protection when handling chemical products referring to Safety Data sheet.



Packaging and Storage

- 55GAL DRUM, 275GAL IBC totes.
- Store in dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and /or stacking.

Application

- Provides excellent shale inhibition and maximized cuttings integrity
- Reduces accretion potential and consequently bit balling
- Flocculates any dispersed clays or colloidal particles and aids their removal by solids control equipment
- Minimizes dilution rates.

Technical Index

Item	Specification
Appearance	Colorless to Light Yellow
Density, g/cm ³	1.0~1.10
Flash Point, °C	93min
pH	5-10
Total Amine mmol/g	≥3

For more information , Send email: info@youzhuchem.com, or call 0086 13408536218 or for information on other YouzhuCHEM products visit youzhuchem.com