

# EZ DRILL

Viscosifier / Shale Stabilizer / Lubricant

Product Information

## Product Description

**EZ DRILL** is a synthetic polymer dispersed in a liquid carrier that is used in water based fluids to help stabilize reactive clay and shale formations. This product absorbs onto cuttings and clays on the borehole wall, which helps to prevent dispersion.

**EZ DRILL** also quickly viscosifiers with increased concentrations. This product is readily soluble in fresh, brackish, or monovalent salt waters, and can be used to with clay based viscosifiers or alone to prepare solids-free drilling fluids.

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## Applications/ Functions

- Helps stabilize water-sensitive formations.
  - Helps reduce bit-balling.
  - Helps increase rheological properties of drilling fluids.
  - Helps provide mud lubricity in low pressure situations.
  - Helps flocculate drilled solids when used in low concentrations.
  - Helps enhance the yield of bentonite clays in low solids drilling systems.
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## Advantages

- Yields rapidly with minimum shear.
  - Is nonfermenting.
  - Does not require biocides.
  - Stable in monovalent salt (NaCl, KCl, etc.) environments.
  - Effective in small concentrations.
  - Can be destroyed with oxidizing agents when desired.
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## Typical Properties

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|--------------------|--|
| • Appearance       | Milky-white fluid with minimal syneresis |
| • Specific gravity | 1.10 +/-0.02 s.g                         |
| • pH               | 7.8 +/-0.2                               |
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## Recommended Treatment

Add 2.0 3.0 L/m<sup>3</sup> of **EZ DRILL** slowly through the hopper.

Note: If product has separated due to extended storage, resuspend by shaking vigorously or rolling containers before using.

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## Packaging

EZ DRILL is packaged in 18-kg Cans.

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