



DINOMUL®

Torque Reducer

Description DINOMUL is an aqueous fluid additive designed to reduce rotational torque and drag on the drillpipe. DINOMUL also aids in reducing the pullback force in Horizontal Directional Drilling by lubricating the product line.

- Applications/Functions**
- Promote wellbore stability by producing a compact and slick filter cake
 - Provide additional inhibition to reactive formation
 - Promote lubricating properties in most water-based drilling fluids
 - Reduce rotational torque and drag on the drillpipe while drilling
 - Help prevent stuck pipe

- Advantages**
- Water-based fluid, easy to mix
 - Effective in torque reduction in a wide-range of geologic conditions
 - Contains naturally occurring lubricants
 - Compatible with most water-based drilling fluid additives
 - Stable at high temperatures

- Typical Properties**
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|--------------------|-------------------------|
| • Appearance | Dark brown, thin liquid |
| • Specific gravity | 1.0 |
| • pH | 7.2 to 8.2 |
| • Solubility | Water miscible |

Recommended Treatment Add 1-4 quarts of DINOMUL to 100 gallons (10-15 liters/m³) of QUIK-GEL® or BORE-GEL™ slurry

Packaging DINOMUL is packaged in 5-gal (19 liter) plastic containers.

Availability DINOMUL® can be purchased through any Baroid Industrial Drilling Products Distributor. To locate the Baroid IDP distributor nearest you contact the Customer Service Department in Houston or your area IDP Sales Representative.

**Baroid Industrial Drilling Products,
A Product and Service Line of Halliburton Energy Services, Inc.**

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