



# DINOMUL®

## Torque Reducer

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

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- 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
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- 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
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- Typical Properties**
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|--------------------|-------------------------|
| • Appearance       | Dark brown, thin liquid |
| • Specific gravity | 1.0                     |
| • pH               | 7.2 to 8.2              |
| • Solubility       | Water miscible          |
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**Recommended Treatment** Add 1-4 quarts of DINOMUL to 100 gallons (2.5-10 liters/m<sup>3</sup>) of QUIK-GEL® or BORE-GEL® slurry

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

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**Availability**

DINOMUL<sup>®</sup> can be purchased through any Baroid Industrial Drilling Products Retailer. To locate the Baroid IDP retailer nearest you contact the Customer Service Department in Houston or your area IDP Sales Representative.

**Baroid Industrial Drilling Products****Product Service Line, Halliburton**

3000 N. Sam Houston Pkwy E.

Houston, TX 77032

<b>Customer Service</b>	(800) 735-6075 Toll Free	(281) 871-4612
<b>Technical Service</b>	(877) 379-7412 Toll Free	(281) 871-4613

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