



# DD-8

## Torque Reducer

**Description** DD8 is an environmentally friendly lubricant and torque reducer for water based drilling fluids. DD8 reduces friction between the drill rods and casing, and between the drill rods and the formation. DD8 is biodegradable and contains no hydrocarbons.

### Applications/Functions

- Reduces torque and drag
- Improves penetration rate
- Replaces refined or crude oil where their use is prohibited or improved lubrication is required

### Advantages

- Imparts extreme pressure lubrication to the drilling fluid
- Very low concentrations required
- Functions in fresh and salty water over wide pH range
- Functions in hard water (high calcium/magnesium concentration)
- Non-hazardous and non-polluting
- No objectionable odour
- Does not smear out on core or leave residual on inner tube
- Readily disperses in water with a minimum of agitation

### Typical Properties

- Appearance Dark red liquid with little odour
- pH 7.5 @ 20 °C

### Recommended Treatment

Desired Condition/Result	
<b>Added to fresh water</b>	<b>L/m<sup>3</sup></b>
• Excessive torque	2 - 3
• Once torque has been reduced	1 - 2
• Drilling with no returns. Consider using bypass slobber line and introducing directly to dry annulus	1 – 1.5

Drilling Underground – Add 30-50 ml per 200 L of water to increase penetration rates and reduce rotational torque. DD8 has no objectionable odour and contains no harmful substances and is compatible with use underground.

*Note:*

Do not over treat system

Do not slug down the drill rods

Recommend only adding DD8 to clean solids free water

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**Packaging** DD8 is packaged in 20 L plastic drums, and in 205 L plastic drums.

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**Availability** DD8 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 Technical Service Representative.

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