



DD-8

Torque Reducer

Description DD-8 is an environmentally friendly lubricant and torque reducer for water based drilling fluids. DD-8 reduces friction between the drill rods and casing, and between the drill rods and the formation. DD-8 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	
<i>Added to fresh water</i>	Liters/m ³
• 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

**Recommended
Treatment
(Continued)**

Drilling Underground – Add 30 to 50 ml per 200 L of water to increase penetration rates and reduce rotational torque. DD-8 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 DD-8 to clean solids free water

Packaging

DD-8 is packaged in 20 L plastic drums, and in 205 L plastic drums.

Availability

DD-8 can be purchased through any Baroid Industrial Drilling Products Distributor. To locate the Baroid IDP distributor nearest you, contact the Customer Service on 07 3811 6008 or your area IDP Technical Service Representative.

Baroid Industrial Drilling Products

A Product Service Line of Halliburton Energy Services, Inc.

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