

# ENVIRO-TORQ®

Lubricant

Product Data Sheet

## Product Description

ENVIRO-TORQ® lubricant is a hydrocarbon-free lubricant for reducing torque and pipe drag when using water-based drilling fluids. ENVIRO-TORQ lubricant does not adversely affect rheological properties, is non-toxic, biodegradable and suitable for use up to 400°F (204°C). ENVIRO-TORQ lubricant typically outperforms TORQUE -TRIM® lubricants in most water based fluids, but is less effective in polymer based fluid systems.

## Applications / Functions

- Helps reduce torque and drag on the drillpipe while drilling
- Helps promote lubricity in most water-based drilling fluids
- Helps decrease friction and wear of drillpipe, bits, and casing
- Formulate spotting fluids to free stuck pipe

## Advantages

- Helps provide low load and extreme pressure lubricating properties
- Stable in salt contamination
- Thermally stable to temperatures over 400°F (204°C)

## Typical Properties

- |                     |                     |
|---------------------|---------------------|
| • Appearance        | Dark viscous liquid |
| • Flash point, PMCC | 86°F                |
| • Flash point, PMCC | 30°C                |
| • pH                | 5.1                 |
| • Specific gravity  | 0.94                |

## Recommended Treatment

For normal drilling with torque/drag and for extreme pressure torque situations, add 2-6 lb/bbl (5.7-17.1 kg/m<sup>3</sup>) of ENVIRO-TORQ lubricant.  
To free stuck pipe, add 3-10 lb/bbl (8.6-28.5 kg/m<sup>3</sup>) to a batch of 50-150 bbl (8-24 m<sup>3</sup>) volume.

## Packaging

ENVIRO-TORQ lubricant is packaged in 5-gal (18.9-l) pails and 55-gal (208-l) drums.

[www.halliburton.com/baroid](http://www.halliburton.com/baroid)

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