

# CETCO® X-TORQUE

## DRILLING LUBRICANT

### DESCRIPTION

CETCO X-TORQUE is a 100% environmentally safe, non-petroleum lubricant specifically developed for horizontal directional drilling and mineral exploration, as well as other drilling applications. CETCO X-TORQUE attracts to metal surfaces such as drill pipe and down-hole tooling to provide lubrication between these surfaces and the formation. CETCO X-TORQUE will dramatically reduce clay balling as well as rotational torque. CETCO X-TORQUE is especially beneficial in slimhole applications.

### RECOMMENDED USE

CETCO X-TORQUE is an extreme lubricant that eliminates torque and drag, prevents differential sticking, and protects the drill pipe and tooling from corrosion. CETCO X-TORQUE is environmentally safe and nonflammable. It does not contain petroleum products.

CETCO X-TORQUE can be used in bentonite systems or polymer drilling fluids.

### CHARACTERISTICS

- ▶ Appearance Dark brown liquid
- ▶ Freezing point < -18°C
- ▶ Specific Gravity 0.84
- ▶ Solubility in H2O Dispersible
- ▶ Boiling Point >300°C

### MIXING AND APPLICATION

Add 1 – 2 quarts of CETCO X-TORQUE per 100 gallons of drilling fluid into the suction pit. Increase product concentration until desired torque reduction is achieved. Apply in difficult drilling intervals. Maintain concentrations by small additions throughout drilling process as required.

In bentonite systems, add CETCO X-TORQUE after bentonite has been mixed.

### PACKAGING

~36 lb plastic pail, 48 per pallet. All pallets are plastic-wrapped.



North America: 847.851.1800 | 800.527.9948 | [www.CETCO.com](http://www.CETCO.com)

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