Product Description
TORQ-TRIM® II is an amide-based additive for the reduction of torque and drag in water-based drilling fluids. TORQ-TRIM II is suitable for a range of drilling fluids, including those containing calcium salts. TORQ-TRIM II contains a solvent which enhances water solubility and lowers the pour point. TORQ-TRIM II is biodegradable and does not fluoresce. TORQ-TRIM II will maintain stability and performance at temperatures up to 400°F (204°C).

Applications/Functions
- Reduces metal/metal and metal/rock friction
- Reduces frictional torque and drag
- Improves the lubricating qualities of water-based drilling fluids

Advantages
- Effective in mono- and divalent brines
- High temperature stability
- No adverse effects on drilling fluid stability

Typical Properties
- Appearance: Clear amber liquid
- Specific gravity: 0.89
- Freezing point: -6°F (-21°C)
- Flash point: 64°F (18°C)

Recommended Treatment
Lubrication can be achieved with concentrations of around 3% v/v TORQ-TRIM II. After initial treatment, periodic applications will maintain the desired concentration and performance.

Caution – TORQ-TRIM II may emulsify oil into water-based fluids. The risk of oil ingress must be assessed and the effects of contamination should be tested.

Packaging
TORQ-TRIM II is packaged in 55 gal (208 liter) drums and 275 gal (1040 liter) tote tanks.