

Deep Drill 5000

**High performance biodegradable
diamond drilling lubricant**



DESCRIPTION

Deep Drill 5000 is a high performance lubricant with particular applications in deep, deviated diamond drill holes and rotary bores where poor quality water is a factor. The lubricant is the best hard-water performing biodegradable oil on the market and can tolerate severe water conditions such as high salt content, high pH, high acidity, and water with extremely high levels of calcium and magnesium hardness.

Deep Drill 5000 eliminates rod vibration and rattle in diamond drilling operations by depositing a low-friction film of oil between the rods and the hole wall or casing. **Deep Drill 5000** reduces torque and drag in rotary and HDD bores.

APPLICATIONS

- Reduces torque and drag.
- Eliminates vibration and rod rattle.
- Minimizes wear on rods and equipment.
- Improves penetration rates and extends bit life.

ADVANTAGES

- Works in any water type.
- Concentrated product – very economical.
- Biodegradable, environmentally acceptable, and non-hazardous.
- Mixes easily and readily disperses in water without agitation.
- Increases productivity by increasing penetration rates and reducing bit costs.
- Will not stain core.
- Increases rig capacity and performance.

USAGE

Deep Drill 5000 can be added directly to the sump or injected into the circulating system.

To control torque and vibration, add 3-5 litres / 1000 litres water.

Dosage can be increased to 5-10 litres / 1000 litres in extremely hard and abrasive ground or in deep, directional holes.

TYPICAL PROPERTIES

Physical appearance	Light brown liquid
Specific Gravity	0.99
pH	8.0 - 9.0

PACKAGING

20 litre drums, 200 litre drums, and 1000 litre bulk containers.