TIGER DEEP

Lubricant and Cutting Oil

Description

Tiger Deep is a concentrated high performance extreme pressure lubricant. Tiger Deep's application is in deep deviated diamond core holes, but it can be used in rotary drilling or in HDD bores especially when poor water quality is a factor. It superb lubricating traits improve penetration rates and reduce equipment wear.

Applications

Tiger Deep deposits a thin film of lubricant over metal surfaces, which significantly reduces rotation torque, eliminates rod vibration, encourages longer core runs, increases equipment life as well as protecting from corrosion. Tiger Deep can be used in surface and underground drilling. It is effective in poor water situations such as high salt content, high pH, high acidity, and water with high levels of calcium and magnesium hardness.

Advantages

- Readily disperses
- Increased rig capacity and performance, penetration (ROP), and depth capacity
- Eliminates rod vibration, reduces rotation torque and drag
- Improves down-hole equipment life and helps to minimise corrosion
- Compatible with existing mud systems
- Stable in a range of water states conditions
- Environmentally safe and non-fermenting

Typical Properties

Appearance	Clear light brown liquid
pH (1% Aqueous solution)	8.0-9.0

Recommended Treatments

Tiger Deep can be added directly to the sump or batching tank. It can be injected into the circulating system or applied directly into the rods. To ensure maximum efficiency, Tiger Deep should be totally homogenised into the system.

- To control rotation torque and vibration, 3.0-5.0 litres per 1000 litres water. Pipe size and depth will dictate most efficient concentration
- Concentration can be increased to 5.0-10.0 litres per 1000 litres in extremely hard and abrasive ground or when drilling deep directional holes

Packaging

Tiger Deep comes in 25L drums.

Tiger Fluids Pte Ltd | 1 Scotts Road, #24-10 Shaw Centre, Singapore 228208
T +65 6300 7476 | E info@tigerfluids.com | www.tigerfluids.com

A new, cost effective approach to drilling fluids