TerraDrill

High-performance water-based drilling mud system (HPWBM)

A proven, sustainable, and cost-effective alternative to traditional drilling fluid systems.

You don't have to choose between sustainability and profitability any longer

Specifications

- Product density: 1.2-1.6
- Product pH: 10-12
- Temp rating: 350°F (177°C)

Features

	TerraDrill
Biodegradability	Ultimate biodegradable (Certified)
Toxicity/biotoxicity	None (Certified)
Shale inhibition	Yes
Corrosion inhibition	Yes
H2S/CO2 scavenging	Yes
Scale inhibition	Yes
Drilling rig lubrication	Yes
Anti-foaming	Yes
Fluid loss control	Yes
Added rheology modifier	Yes
Added flow improver	Yes
Added pressure stabilizer	Yes
Added temperature stabilizer	Yes

TerraDrill is engineered to deliver superior performance in onshore unconventional and deep drilling applications at a fraction of the operational cost when compared to traditional drilling fluids.

TerraDrill helps you meet your environmental and sustainability goals by cutting energy consumption and reducing CO2 emissions.

Cost effective, sustainable, and proven, the choice of TerraDrill is obvious!

Centum is fully committed to delivering best-in-class drilling fluid solutions to our customers. We exclusively utilize raw materials and additives manufactured in North America to ensure the highest quality product for your drilling operation.
For more information, please visit centumchem.com/drilling

Do you have any questions?

Connect directly with our technical experts at: drillingfluids@centumchem.com

CENTUM

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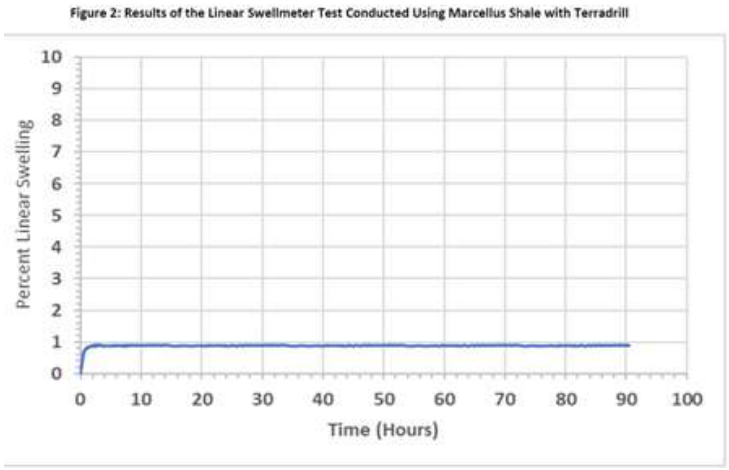
PROVEN PERFORMANCE

CORROSION RESISTANCE

Figure 1: TerraDrill corrosion test using C1018 carbon steel coupon which is often used in oilfield exploration and deep drilling. The test was carried out according to ASTM standard for 48 hrs at temperature 180 ºF.

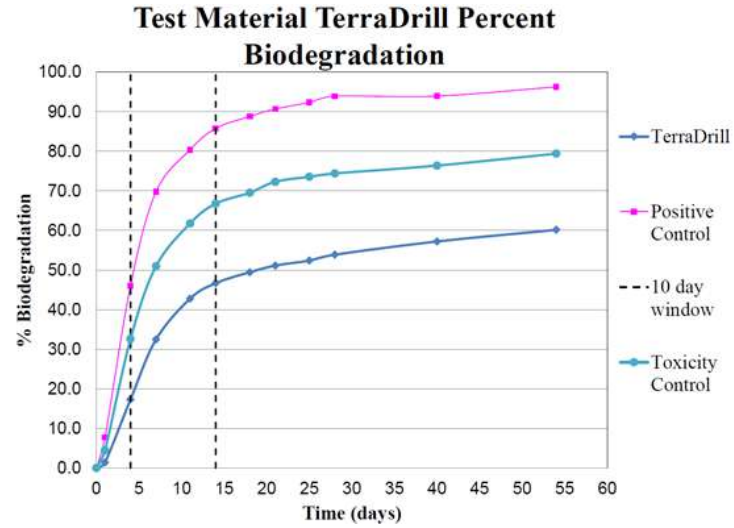
Results demonstrated that the C1018 carbon steel coupon corrosion was <0.01



SHALE INHIBITION

Figure 2: TerraDrill Shale Inhibition test. Linear Swell-meter Tests were conducted using shale samples and according to API Recommended Practice.

Results demonstrate no shale swelling or negative shale interaction when using TerraDrill as drilling fluid.



BIODEGRADATION AND TOXICITY

Figure 3: TerraDrill biodegradability (OECD 301B) and toxicity control tests. Test results showed TerraDrill reached 60% biodegradability threshold under 54 days and no sign of biotoxicity.

This result demonstrates TerraDrill's ultimate biodegradability standard as a drilling fluid.

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