

Onshore Drilling Fluids Market projected to reach US\$7.981 billion by 2030 at a significant CAGR of 5.87%

The onshore drilling fluids market is expected to grow at a CAGR of 5.87%, reaching a market size of US\$7.981 billion in 2030 from US\$6.006 billion in 2025.



NOIDA, UTTAR PRADESH, INDIA, December 26, 2024 /EINPresswire.com/ -- According to a new study published by Knowledge Sourcing Intelligence, the [onshore drilling fluids market](#) is projected to grow at a CAGR of 5.87% between 2025 and 2030 to reach US\$7.981 billion by 2030.

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[Drilling fluids](#) are fluids that are used during the drilling process of oil and gas. It is used to aid the drilling of boreholes into the earth. Some of the most commonly used drilling fluids are water-based, oil-based and synthetic-based fluids. For instance, BaraHib is a water-based fluid system that carries the conveniences of water and the performance of oil. Halliburton has engineered high-performance water-based fluids and additives that can be customized to meet specific challenges.

The onshore drilling fluids market is significantly driven by the increasing number of onshore drilling operations

across various sectors, particularly in oil and gas. Additionally, the market for onshore drilling fluids is expanding due to urbanization, industrialization, a spike in government investments, and rising consumer expenditure. The increasing consumption of oil is driving the market growth of onshore drilling fluids. Further, the increasing demand for petroleum products is also driving the market of onshore drilling fluids.

The onshore drilling fluids market is driven by numerous innovations, such as advanced fluid formulations, eco-friendly additives, development of cutting-edge technologies for drilling, well intervention, and [fluid management](#), leading to increased market stimuli and growth opportunities. For instance, in November 2022, Abu Dhabi National Oil Company (ADNOC) gave

three framework agreements valued at \$4 billion (AED14.68 billion) for integrated drilling fluids services (IDFS). This would be helpful in the expansion of the lower-cost and lower-carbon-intensive production capacity for the growing global demand for energy. This investment in innovations underlines the industry's commitment to enhancing operational efficiency, sustainability, and technological advancement.

Access sample report or view details: <https://www.knowledge-sourcing.com/report/onshore-drilling-fluids-market>

The onshore drilling fluids market by product type is segmented into oil-based, synthetic-based, water-based, and others. Oil-based fluids are formulated with diesel, mineral oil, etc., and they address various issues such as increasing downhole temperature, contaminants, stuck pipes, and torque. Synthetic-based fluids were developed to address the environmental impact of drilling operations. They help in increasing lubricity in directional and horizontal wells, maximising the rate of penetration and minimizing the wellbore-stability problems. Water-based fluids are based on freshwater, seawater, brine, saturated brine etc., and used for top-hole drilling etc. During the forecast period, water-based fluids will continue to dominate the market as water-based fluids are less expensive than synthetic and oil-based. Also, it is widely used during the drilling process of wells.

The onshore drilling fluids by well type are segmented into HPHT and Conventional. HPHT wells refer to high-pressure-high-temperature wells that are characterized by extreme pressure and temperature, thus, they require specialized drilling fluids that can withstand extreme temperature and pressure such as HPWBM, formate brines, barite-weighted muds, water-based mud etc. On the other hand, conventional wells have manageable pressure, and these wells use traditional drilling techniques and fluids. During the forecast period, the HPHT well segment is anticipated to grow at a faster rate due to rising energy demand and technological development leading to deeper explorations, thus growing the HPHT segment.

Based on geography, the Asia Pacific region is expected to see the fastest growth in the onshore drilling fluids market due to increasing investment in the oil exploration industry. North America is expected to have a significant market share in the onshore drilling fluids market.

The report includes the major players operating in the onshore drilling fluids market: Baker Hughes, Castle Harlan Inc., AMC Drilling Fluids & Products (Imdex Ltd.), Secure Energy Services, Global Drilling and Chemicals, Sagemines, Halliburton Company, Schlumberger, National Oilwell Varco, Total Energies, and Petra Industries Global L.L.C.

The market analytics report segments the onshore drilling fluids market as follows:

- By Product Type
 - o Oil-based

- o Synthetic-based
- o Water-based
- o Others

- By Well Type

- o HPHT
- o Conventional

- By Geography

- North America

- o USA
- o Canada
- o Mexico

- South America

- o Brazil
- o Argentina
- o Others

- Europe

- o Germany
- o France
- o United Kingdom
- o Spain
- o Others

- Middle East and Africa

- o Saudi Arabia
- o UAE
- o Israel
- o Others

- Asia Pacific

- o China
- o Japan
- o India

- o South Korea
- o Indonesia
- o Taiwan
- o Others

Companies Profiled:

- Baker Hughes
- Castle Harlan Inc.
- AMC Drilling Fluids & Products (Imdex Ltd.)
- Secure Energy Services
- Global Drilling and Chemicals
- Sagemines
- Halliburton Company
- Schlumberger
- National Oilwell Varco
- Total Energies
- Petra Industries Global L.L.C

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