

Global Drilling Fluids Market Size Study, by Product (Oil Based Fluid, Synthetic Based Fluid, Water Based Fluid), by End-use (Onshore, Offshore), and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G6C22D6CACC3EN.html>

Date: January 2025

Pages: 285

Price: US\$ 3,218.00 (Single User License)

ID: G6C22D6CACC3EN

Abstracts

The Global Drilling Fluids Market was valued at approximately USD 8.33 billion in 2023 and is anticipated to expand at a steady CAGR of 4.40% during the forecast period from 2024 to 2032. Drilling fluids, commonly referred to as drilling muds, are crucial in oil and gas exploration and production operations. These fluids perform vital functions such as maintaining wellbore stability, cooling and lubricating drill bits, and transporting cuttings to the surface. The market's growth is primarily fueled by the escalating demand for energy and the resurgence of exploration activities in both onshore and offshore sectors.

The growing preference for advanced fluid systems capable of addressing complex drilling challenges is propelling the market forward. Among the different types of drilling fluids, water-based fluids dominate due to their environmental friendliness and cost efficiency. However, synthetic-based fluids are gaining traction in offshore applications owing to their superior performance in deepwater and ultra-deepwater drilling. Despite the market's robust growth, the high costs associated with synthetic fluids and stringent environmental regulations pose challenges to manufacturers and end-users alike.

Key industry players are actively investing in the development of innovative drilling fluid technologies that minimize environmental impact while enhancing operational efficiency. Strategic collaborations and acquisitions are also being pursued to expand market reach and strengthen product portfolios. For instance, advancements in nano-based additives are setting new benchmarks for performance and sustainability in drilling fluid systems, aligning with global energy transition goals.

Regionally, North America leads the drilling fluids market, driven by significant shale gas exploration and production activities in the United States. The Asia-Pacific region is poised to witness rapid growth, fueled by increased offshore exploration activities in countries like India and China. Meanwhile, the Middle East & Africa remains a critical market, supported by extensive oil and gas reserves and ongoing upstream investments.

Major market players included in this report are:

Schlumberger Limited

Halliburton Company

Baker Hughes Company

Newpark Resources Inc.

Tetra Technologies Inc.

Weatherford International plc

National Oilwell Varco

China Oilfield Services Limited (COSL)

Scomi Group Bhd

M-I SWACO

Global Drilling Fluids and Chemicals Limited

Anchor Drilling Fluids USA LLC

CES Energy Solutions Corp.

Trican Well Service Ltd.

Q'Max Solutions Inc.

The detailed segments and sub-segments of the market are explained below:

By Product:

Oil Based Fluid

Synthetic Based Fluid

Water Based Fluid

By End-use:

Onshore

Offshore

By Region:

North America:

U.S.

Canada

Europe:

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific:

China

India

Japan

Australia

South Korea

Rest of Asia-Pacific

Latin America:

Brazil

Mexico

Middle East & Africa:

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Detailed market forecasts spanning a decade, segmented by product type, end-use, and region.

Comprehensive regional analysis, offering granular insights into key markets.

Evaluation of competitive dynamics, including strategies, innovations, and market shares of major players.

Identification of emerging trends and growth opportunities within the drilling fluids landscape.

Supply-side and demand-side analysis, delivering actionable insights for stakeholders.

Contents

CHAPTER 1. GLOBAL DRILLING FLUIDS MARKET EXECUTIVE SUMMARY

- 1.1. Global Drilling Fluids Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Product
 - 1.3.2. By End-use
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL DRILLING FLUIDS MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory Frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL DRILLING FLUIDS MARKET DYNAMICS

- 3.1. Market Drivers

- 3.1.1. Increasing Demand for Energy
- 3.1.2. Technological Advancements in Fluid Systems
- 3.1.3. Resurgence of Exploration Activities
- 3.2. Market Challenges
 - 3.2.1. High Costs of Synthetic Fluids
 - 3.2.2. Stringent Environmental Regulations
- 3.3. Market Opportunities
 - 3.3.1. Innovations in Nano-based Additives
 - 3.3.2. Strategic Collaborations and Acquisitions
 - 3.3.3. Expansion into Emerging Offshore Markets

CHAPTER 4. GLOBAL DRILLING FLUIDS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model
 - 4.1.7. Porter's 5 Force Impact Analysis
- 4.2. PESTEL Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
 - 4.2.5. Environmental
 - 4.2.6. Legal
- 4.3. Top Investment Opportunities
- 4.4. Top Winning Strategies
- 4.5. Disruptive Trends
- 4.6. Industry Expert Perspective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL DRILLING FLUIDS MARKET SIZE & FORECASTS BY PRODUCT 2022-2032

- 5.1. Segment Dashboard
- 5.2. Global Drilling Fluids Market: Product Revenue Trend Analysis, 2022 & 2032 (USD)

Billion)

- 5.2.1. Oil Based Fluid
- 5.2.2. Synthetic Based Fluid
- 5.2.3. Water Based Fluid

CHAPTER 6. GLOBAL DRILLING FLUIDS MARKET SIZE & FORECASTS BY END-USE 2022-2032

- 6.1. Segment Dashboard
- 6.2. Global Drilling Fluids Market: End-use Revenue Trend Analysis, 2022 & 2032 (USD Billion)
 - 6.2.1. Onshore
 - 6.2.2. Offshore

CHAPTER 7. GLOBAL DRILLING FLUIDS MARKET SIZE & FORECASTS BY REGION 2022-2032

- 7.1. North America Drilling Fluids Market
 - 7.1.1. U.S. Drilling Fluids Market
 - 7.1.1.1. Product Breakdown Size & Forecasts, 2022-2032
 - 7.1.1.2. End-use Breakdown Size & Forecasts, 2022-2032
 - 7.1.2. Canada Drilling Fluids Market
 - 7.1.2.1. Product Breakdown Size & Forecasts, 2022-2032
 - 7.1.2.2. End-use Breakdown Size & Forecasts, 2022-2032
- 7.2. Europe Drilling Fluids Market
 - 7.2.1. UK Drilling Fluids Market
 - 7.2.2. Germany Drilling Fluids Market
 - 7.2.3. France Drilling Fluids Market
 - 7.2.4. Spain Drilling Fluids Market
 - 7.2.5. Italy Drilling Fluids Market
 - 7.2.6. Rest of Europe Drilling Fluids Market
- 7.3. Asia-Pacific Drilling Fluids Market
 - 7.3.1. China Drilling Fluids Market
 - 7.3.2. India Drilling Fluids Market
 - 7.3.3. Japan Drilling Fluids Market
 - 7.3.4. Australia Drilling Fluids Market
 - 7.3.5. South Korea Drilling Fluids Market
 - 7.3.6. Rest of Asia-Pacific Drilling Fluids Market
- 7.4. Latin America Drilling Fluids Market

- 7.4.1. Brazil Drilling Fluids Market
- 7.4.2. Mexico Drilling Fluids Market
- 7.4.3. Rest of Latin America Drilling Fluids Market
- 7.5. Middle East & Africa Drilling Fluids Market
 - 7.5.1. Saudi Arabia Drilling Fluids Market
 - 7.5.2. South Africa Drilling Fluids Market
 - 7.5.3. Rest of Middle East & Africa Drilling Fluids Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Key Company SWOT Analysis
 - 8.1.1. Schlumberger Limited
 - 8.1.2. Halliburton Company
 - 8.1.3. Baker Hughes Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles
 - 8.3.1. Schlumberger Limited
 - 8.3.1.1. Key Information
 - 8.3.1.2. Overview
 - 8.3.1.3. Financial (Subject to Data Availability)
 - 8.3.1.4. Product Summary
 - 8.3.1.5. Market Strategies
 - 8.3.2. Halliburton Company
 - 8.3.3. Baker Hughes Company
 - 8.3.4. Newpark Resources Inc.
 - 8.3.5. Tetra Technologies Inc.
 - 8.3.6. Weatherford International plc
 - 8.3.7. National Oilwell Varco
 - 8.3.8. China Oilfield Services Limited (COSL)
 - 8.3.9. Scomi Group Bhd
 - 8.3.10. M-I SWACO

CHAPTER 9. RESEARCH PROCESS

- 9.1. Research Process
 - 9.1.1. Data Mining
 - 9.1.2. Analysis
 - 9.1.3. Market Estimation
 - 9.1.4. Validation

9.1.5. Publishing

9.2. Research Attributes

12. LIST OF TABLES

- TABLE 1. Global Drilling Fluids Market, Report Scope
- TABLE 2. Global Drilling Fluids Market Estimates & Forecasts by Region 2022-2032 (USD Billion)
- TABLE 3. Global Drilling Fluids Market Estimates & Forecasts by Product 2022-2032 (USD Billion)
- TABLE 4. Global Drilling Fluids Market Estimates & Forecasts by End-use 2022-2032 (USD Billion)
- TABLE 5. Global Drilling Fluids Market Estimates & Forecasts by Region 2022-2032 (USD Billion)
- TABLE 6. Global Drilling Fluids Market Estimates & Forecasts by Product 2022-2032 (USD Billion)
- TABLE 7. Global Drilling Fluids Market Estimates & Forecasts by End-use 2022-2032 (USD Billion)
- TABLE 8. Global Drilling Fluids Market Estimates & Forecasts by Region 2022-2032 (USD Billion)
- TABLE 9. Global Drilling Fluids Market Estimates & Forecasts by Product 2022-2032 (USD Billion)
- TABLE 10. Global Drilling Fluids Market Estimates & Forecasts by End-use 2022-2032 (USD Billion)
- TABLE 11. Global Drilling Fluids Market Estimates & Forecasts by Region 2022-2032 (USD Billion)
- TABLE 12. Global Drilling Fluids Market Estimates & Forecasts by Product 2022-2032 (USD Billion)
- TABLE 13. Global Drilling Fluids Market Estimates & Forecasts by End-use 2022-2032 (USD Billion)
- TABLE 14. Global Drilling Fluids Market Estimates & Forecasts by Region 2022-2032 (USD Billion)
- TABLE 15. U.S. Drilling Fluids Market Estimates & Forecasts, 2022-2032 (USD Billion)
- TABLE 16. U.S. Drilling Fluids Market Estimates & Forecasts by Product 2022-2032 (USD Billion)
- TABLE 17. U.S. Drilling Fluids Market Estimates & Forecasts by End-use 2022-2032 (USD Billion)
- TABLE 18. Canada Drilling Fluids Market Estimates & Forecasts, 2022-2032 (USD Billion)

Billion)

- TABLE 19. Canada Drilling Fluids Market Estimates & Forecasts by Product 2022-2032 (USD Billion)
- TABLE 20. Canada Drilling Fluids Market Estimates & Forecasts by End-use 2022-2032 (USD Billion)
- ...

This list is not complete; the final report does contain more than 100 tables. The list may be updated in the final deliverable.

12. LIST OF FIGURES

- FIG 1. Global Drilling Fluids Market, Research Methodology
- FIG 2. Global Drilling Fluids Market, Market Estimation Techniques
- FIG 3. Global Market Size Estimates & Forecast Methods
- FIG 4. Global Drilling Fluids Market, Key Trends 2023
- FIG 5. Global Drilling Fluids Market, Growth Prospects 2022-2032
- FIG 6. Global Drilling Fluids Market, Porter's 5 Force Model
- FIG 7. Global Drilling Fluids Market, PESTEL Analysis
- FIG 8. Global Drilling Fluids Market, Value Chain Analysis
- FIG 9. Global Drilling Fluids Market by Segment, 2022 & 2032 (USD Billion)
- FIG 10. Global Drilling Fluids Market by Segment, 2022 & 2032 (USD Billion)
- FIG 11. Global Drilling Fluids Market by Segment, 2022 & 2032 (USD Billion)
- FIG 12. Global Drilling Fluids Market by Segment, 2022 & 2032 (USD Billion)
- FIG 13. Global Drilling Fluids Market by Segment, 2022 & 2032 (USD Billion)
- FIG 14. Global Drilling Fluids Market, Regional Snapshot 2022 & 2032
- FIG 15. North America Drilling Fluids Market 2022 & 2032 (USD Billion)
- FIG 16. Europe Drilling Fluids Market 2022 & 2032 (USD Billion)
- FIG 17. Asia-Pacific Drilling Fluids Market 2022 & 2032 (USD Billion)
- FIG 18. Latin America Drilling Fluids Market 2022 & 2032 (USD Billion)
- FIG 19. Middle East & Africa Drilling Fluids Market 2022 & 2032 (USD Billion)
- FIG 20. Global Drilling Fluids Market, Company Market Share Analysis (2023)
- ...

This list is not complete; the final report does contain more than 50 figures. The list may be updated in the final deliverable.

I would like to order

Product name: Global Drilling Fluids Market Size Study, by Product (Oil Based Fluid, Synthetic Based Fluid, Water Based Fluid), by End-use (Onshore, Offshore), and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G6C22D6CACC3EN.html>

Price: US\$ 3,218.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G6C22D6CACC3EN.html>