

# Global Drilling Fluid Additives Market - Forecasts from 2017 to 2022

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#### **Abstracts**

The global drilling fluid market is expected to witness a CAGR of 9.40% during the forecast period to reach a market size of US\$1,670 million by 2022 from a market size of US\$1,065 million in 2017. Drilling fluids are employed to help the boring of boreholes into the earth in many applications. Apart from being used in many complex applications such as drilling of oil and natural gas, it can also be used for simpler boreholes such as water wells. Water-based muds, non-aqueous muds, and gaseous drilling fluid can be used for drilling fluids. The primary function of drilling fluids incorporates giving hydrostatic pressure to keep development liquids from going into the wellbore, keeping the drill bit cool and clean amid drilling, doing drill cuttings, and suspending the bore cuttings while boring is delayed. Drilling fluid additives are additives generally resolve many issues often found in mineral exploration drilling activities. Such additives lubricate the equipment, lower the abrasion and prevent rusting of rods. They can enhance drilling operations in a dry hole, stabilize the walls of the drill hole, allow rock cuttings to be flushed out of the drill hole and solidify abrasive and non-stable grounds. They are like gel and can hold intact a crumbling core, minimize water loss, decreases abrasion and friction which cools the bit, hence extending its life

#### Market Outlook

The drilling fluid additives contain many elements in them. For instance, drilling additives contain weighting compounds in order to augment the mud density; corrosion inhibitors as the drilling activities may involve usage of several metallic components like the aluminum bisulphate, protect- pipes of zinc chromate, zinc carbonate and many others; dispersant such as iron lignosulfonates that allow agents to break up solid clusters of elements in smaller parts which can be easily ported by the drilling fluid; and flocculent which are acrylic polymer that exacerbates the assistance in the development



of cluster of suspended particles. The global market of drilling fluid additives will be driven by the expansion of energy sector, increase in crude oil production and increasing application of bio-based drilling fluids. Moreover, using a technology for oil recovery with the help of carbon dioxide may also impact the market growth. However, decreasing shale gas operations in the US may create a negative impact on the market growth.

#### Geographic Outlook

Geographically, Asia Pacific region and the Middle East economies are expected to become a favorable market for drilling fluid additives market on account of increased demand for oil. Countries like Saudi Arabia, China, UAE, and Russia are potential markets for drilling fluid additives. Moreover, expansion of energy sector to withstand the increasing demand of populous countries of APAC region may also impact the market in APAC region.

#### Research Methodology

This section of the report presents detailed research methodology for calculating market size and forecasts, secondary data sources used and the primary inputs which were taken for data validation. This section also outlines various segments which have been covered as part of the report.

#### **Market Dynamics**

Comprehensive market dynamics has been analyzed through key market driving factors, challenges to growth and the opportunities which exist for vendors in the current scenario. This section of the report also provides supplier and industry outlook as a whole; key industry, global and regional regulations which are determining the market growth and a brief technological aspect Drilling Fluid Additives. Complete industry analysis has also been covered by Porter's five forces model as a part of this report section.

#### Segmentation

Drilling Fluid Additives Market has been segmented on the basis of type, fluid formation and geography as follows:

#### By Type



**Surface Modifiers** 

Dispersants

**Corrosion Inhibitors** 

Fluid Viscosifiers

**Biocides** 

Defoamers

Others

By Fluid Formation

Synthetic Based

Water Based

Oil Based

By Geography

North America

South America

Europe

Middle East and Africa

Asia Pacific

Market Players

Competitive intelligence section deals with major players in the market, their growth strategies, products, financials, and recent investments among others. Key industry players profiled as part of this section are Baroid Industrial Drilling Products, Halliburton, and Prince Energy among others.



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