

Forging Lubricants in Europe Market is Projected to Reach \$2.33 Billion with CAGR of 2.8% by 2034, Fact.MR Says

Europe's auto sector thrives on forged components like axles and gears, driving demand for lubricants. Top players: Houghton, ExxonMobil, Castrol, FUCHS.

ROCKVILLE, MD, UNITED STATES,
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EINPresswire.com/ -- A thorough
market analysis released by Fact.MR
projects that the <u>demand for forging</u>
<u>lubricants in Europe</u> will reach a
market valuation of US\$ 1.76 billion in
2024. By the end of 2034, the European



market is expected to have grown at a compound annual growth rate (CAGR) of 2.8% to reach US\$ 2.33 billion.

Forging methods play a major role in the fabrication of several components in the wellestablished automobile sector in Europe. In order to support efficient forging operations, there is a growing need for forging lubricants as the automobile sector grows.

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"Demand for forging lubricants is being driven by the thriving automotive industry."

Europe has long been a center for the production of automobiles, home to several well-known automakers and assembly facilities. It is anticipated that European manufacturers will increase their production capacity in response to the growing demand for vehicles, including electric and hybrid models. It is anticipated that this surge in auto production will raise demand for forged parts, such as crankshafts, axles, and gears, which are essential to vehicle assembly.

Leading Players Driving Innovation in the Forging Lubricants in Europe Market:

Some of the prominent suppliers of forging lubricants in the European market include Houghton International, Rhenus Hub, Castrol, ExxonMobil, TotalEnergies, Quaker Houghton, and FUCHS Group.

Country-wise Insights

"The existence of a reputable automotive industry"

Germany has a well-established automotive sector and is home to several well-known brands, such as Mercedes-Benz, BMW, Volkswagen, and others. It is anticipated that forging lubricants will be essential to the production of a number of automobile parts that are forged in accordance with exact requirements, including axles, gears, and engine parts. Forging lubricants are in more demand as the automotive industry grows or becomes more modernized.

Growth Drivers for the Forging Lubricants Market in Europe:

Increasing Demand for Lightweight and High-Strength Components: The rising need for lightweight, high-strength components in automotive, aerospace, and construction industries is driving the adoption of advanced forging processes, consequently boosting the demand for specialized forging lubricants.

Expansion of Automotive Manufacturing: Europe remains a hub for automotive production, with an emphasis on improving fuel efficiency and reducing emissions. This has led to increased demand for high-performance forging lubricants essential for manufacturing engine components, gears, and other critical parts.

Technological Advancements in Forging Processes: Innovations in forging technology, including high-temperature and high-speed forging, require lubricants with superior thermal stability and wear resistance. This has driven the development and adoption of advanced lubricant formulations.

Focus on Sustainability and Eco-Friendly Lubricants: European Union regulations promoting sustainable manufacturing practices have spurred demand for environmentally friendly forging lubricants, such as water-based or biodegradable options, aligning with green manufacturing goals.

Growth in Aerospace and Defense Sectors: The aerospace and defense industries in Europe are witnessing significant growth, leading to an increased need for forged components with precise dimensions and superior properties. This growth translates to a heightened demand for high-performance forging lubricants.

Rising Industrial Automation: The integration of automation in forging operations to enhance efficiency and precision is driving the need for lubricants that can perform consistently under

automated conditions, reducing downtime and extending equipment life.

Investment in Infrastructure and Construction: With ongoing infrastructure development across Europe, the demand for heavy machinery and tools, often reliant on forged parts, has increased. This trend bolsters the need for forging lubricants to ensure smooth manufacturing processes.

Stringent Quality Standards in Manufacturing: Industries in Europe prioritize adherence to strict quality and safety standards, necessitating the use of high-quality forging lubricants that can meet performance and compliance requirements.

Key Trends in the European Forging Lubricants Market:

Shift Towards Sustainable Lubricants: Growing environmental concerns and stringent regulations are driving the adoption of eco-friendly and biodegradable forging lubricants across Europe.

Advancements in Lubrication Technology: Innovations in forging lubricant formulations, such as synthetic and water-based solutions, are enhancing efficiency, reducing wear, and improving surface finish quality.

Rise in Automotive and Aerospace Applications: The automotive and aerospace sectors, key users of forging processes, are boosting demand for high-performance lubricants to meet precise manufacturing standards.

Increased Focus on Energy Efficiency: Forging companies are prioritizing lubricants that reduce friction and energy consumption, aligning with broader sustainability goals.

Expansion of Customizable Solutions: Manufacturers are offering tailor-made lubricants to address specific needs, such as unique alloy compositions or extreme forging temperatures.

Stringent Compliance with EU Standards: The European Union's strict regulations on chemical usage are encouraging innovation in lubricant formulations to ensure compliance while maintaining performance.

Growth in Lightweight Material Forging: Increasing use of lightweight materials, such as aluminum and titanium, in industries like automotive and aerospace is driving demand for lubricants designed for these materials.

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The Competitive Environment

According to a recently released study by market research and competitive intelligence firm

Fact.MR, businesses in the European market are implementing a variety of tactics to boost their market share. Additionally, these players' involvement in supply chain management, new developments, etc., aids in their job security. In the European market, Houghton International, Quaker Houghton, TotalEnergies, ExxonMobil, Castrol, Rhenus Hub, and FUCHS Group are a few of the leading suppliers of forging lubricants.

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Contact:

11140 Rockville Pike Suite 400 Rockville, MD 20852 United States

Tel: +1 (628) 251-1583

Sales Team: sales@factmr.com Follow Us: LinkedIn | Twitter | Blog

S. N. Jha
Fact.MR
+ +1 628-251-1583
sales@factmr.com

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