

Molybdenum in the Automotive Market: Trends, Opportunities and Competitive Analysis

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Abstracts

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Molybdenum in the Global Automotive Market Trends and Forecast

The future of molybdenum in the global automotive market looks promising with opportunities in the luxury cars and sport cars segments. Molybdenum in the global automotive market is expected to grow at a CAGR of 7.1% from 2021 to 2027. The major drivers for this market are increasing penetration of high strength steel per vehicle and growing demand for lithium ion batteries in electric vehicles.

Emerging Trends of Molybdenum in the Global Automotive Market

Emerging trends, which have a direct impact on the dynamics of the industry, include increasing applications for molybdenum steel alloys in engines, such as driving pinion, cardan joints, and turbocharger housings.

A total of 84 figures / charts and 58 tables are provided in this 135-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the molybdenum in the global automotive market report, please download the report brochure.

Molybdenum in the Global Automotive Market by Segments

Lucintel forecasts that molybdenum for engine blocks in the global automotive market will remain the largest segment, and it is also expected to witness the highest growth

over the forecast period. The study includes trends and forecast for molybdenum in the global automotive market by application, vehicle type, and region, as follows:

Molybdenum in the Global Automotive Market by Application [Value (\$ Million) and Volume (Million lbs) from 2016 to 2027]:

Engine Block

Exhaust System

Crankshaft

Piston Rings

Others

Molybdenum in the Global Automotive Market by Vehicle Type [Value (\$ Million) and Volume (Million lbs) from 2016 to 2027]:

Passenger Cars

- o Small Cars

- o Compact Cars

- o Mid-Sized Cars

- o Luxury Cars

- o SUVs & Crossovers

Light Commercial Vehicles

Molybdenum in the Global Automotive Market by Region [Value (\$ Million) and Volume (Million lbs) from 2016 to 2027]:

North America

o United States

o Canada

o Mexico

Europe

o Germany

o Russia

o France

o United Kingdom

o Italy

o China

o Japan

o India

o South Korea

o Indonesia

o Brazil

o Turkey

Asia Pacific

The Rest of the World

List of Molybdenum in the Global Automotive Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies molybdenum companies in the global automotive market cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the molybdenum companies in the global automotive market profiled in this report includes.

Centerra Gold

Codelco Mining

China Molybdenum Company

Grupo Mexico

Freeport-McMoRan

Anglo American

Jinduicheng Molybdenum Group Co.

Molybdenum in the Global Automotive Market Insights

Lucintel forecasts that molybdenum for engine blocks in the global automotive market will remain the largest segment, and it is also expected to witness the highest growth over the forecast period as molybdenum improves high internal operation pressure and peak firing pressure in engines.

Asia Pacific will remain the largest region; it is also expected to witness the highest growth over the forecast period due to high vehicle production and increasing demand for advanced high strength steel (AHSS) for various engine applications.

Features of Molybdenum in the Global Automotive Market

Market Size Estimates: Molybdenum in the global automotive market size estimation in terms of value (\$M) and volume (million lbs) shipment.

Trend and Forecast Analysis: Market trends (2016-2021) and forecast (2022-2027) by various segments.

Segmentation Analysis: Molybdenum in the global automotive market size by various segments, such as by application and vehicle type in terms of value and volume.

Regional Analysis: Molybdenum in the global automotive market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different segments by application and vehicle type, and regions for molybdenum in the global automotive market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of molybdenum in the global automotive market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model

FAQ

Q1. What is molybdenum in the global automotive market size?

Answer: Molybdenum in the global automotive market is expected to reach an estimated \$1.45 billion by 2027.

Q2. What is the growth forecast for molybdenum in the global automotive market?

Answer: Molybdenum in the global automotive market is expected to grow at a CAGR of 7.1% from 2021 to 2027.

Q3. What are the major drivers influencing the growth of molybdenum in the global

automotive market?

Answer: The major drivers for this market are increasing penetration of high strength steel per vehicle and growing demand for lithium ion batteries in electric vehicles.

Q4. What is the major application or end use industry for molybdenum in the global automotive?

Answer: Engine block is the major segment by application for molybdenum in the global automotive.

Q5. What are the emerging trends of molybdenum in the global automotive market?

Answer: Emerging trends, which have a direct impact on the dynamics of the industry, include increasing applications for molybdenum steel alloys in engines, such as driving pinion, cardan joints, and turbocharger housings.

Q6. Who are the key molybdenum companies in the global automotive market?

Answer: Some of the key molybdenum companies in the global automotive market are as follows:

Centerra Gold

Codelco Mining

China Molybdenum Company

Grupo Mexico

Freeport-McMoRan

Anglo American

Jinduicheng Molybdenum Group Co.

Q7. Which product segment of molybdenum in the global automotive market will be the largest in future?

Answer: Lucintel forecasts that molybdenum for engine blocks in the global automotive market will remain the largest segment, and it is also expected to witness the highest growth over the forecast period as molybdenum improves high internal operation pressure and peak firing pressure in engines.

Q8: In molybdenum in the global automotive market, which region is expected to be the largest in next 5 years?

Answer: Asia Pacific will remain the largest region; it is also expected to witness the highest growth over the forecast period due to high vehicle production and increasing demand for advanced high strength steel (AHSS) for various engine applications.

Q9. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1 What are some of the most promising growth opportunities for molybdenum in the global automotive market by application (engine blocks, exhaust systems, crankshaft, and piston rings), vehicle type (passenger cars and light commercial vehicles), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which region will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges, and business risks in this market?

Q.5 What are the business risks and competitive threats in this market?

Q.6 What are the emerging trends in this market and the reasons behind them?

Q.7 What are some of the changing demands of customers in the market?

Q.8 What are the new developments in the market and which companies are leading these developments?

Q.9 Who are the major players in this market? What strategic initiatives are being taken by key players for business growth?

Q.10 What are some of the competing products in this market and how big of a threat do they pose for loss of market share by product substitution?

Q.11 What M&A activity has occurred in the last five years?

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7.7: Jinduicheng Molybdenum Group Co. Ltd

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