

Molybdenum in the Automotive Market Report: Trends, Forecast and Competitive Analysis

<https://marketpublishers.com/r/ME85603FA295EN.html>

Date: November 2019

Pages: 135

Price: US\$ 4,850.00 (Single User License)

ID: ME85603FA295EN

Abstracts

The future of molybdenum in the automotive market looks promising with opportunities in the passenger car and light commercial vehicle markets. The molybdenum in the automotive market is expected to grow with a CAGR of 5.9% from 2019 to 2024. 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.

An emerging trend, which has a direct impact on the dynamics of molybdenum in the automotive industry, includes 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 of, benefits, companies researched and other details of molybdenum in the automotive market report download the report brochure.

molybdenum

molybdenum

molybdenum

The study includes the molybdenum in the automotive market size and forecast for the molybdenum in the automotive market through 2024, segmented by application , vehicle type , and the region as follows:

Molybdenum in the Automotive Market by Application:

Engine BlockExhaust SystemCrankshaftPiston RingsOthers

Molybdenum in the Automotive Market by Vehicle Type:

Passenger Cars Small Cars Compact Cars Mid-Sized Cars Luxury Cars SUVs & Crossovers Light Commercial Vehicles

Molybdenum in the Automotive Market by Region:

North America US Canada Mexico Europe Germany Russia France United Kingdom Italy Asia Pacific China Japan India South Korea Indonesia The Rest of the World Brazil Turkey

Some of the molybdenum in the automotive companies profiled in this report include are Centerra Gold Inc, Codelco Mining Co., China Molybdenum Company Ltd., Grupo Mexico, Anglo American Plc and others.

In this market, molybdenum is primarily used in steel for the manufacturing of engine blocks, exhaust systems, crankshaft, piston rings, steering components, and axel shafts. Molybdenum enhances strength, hardenability, weldability, toughness, and corrosion resistance of steel.

On the basis of its comprehensive research, Lucintel forecasts that engine blocks will remain the largest segment for molybdenum material, 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.

Some of the features of “Molybdenum in the Automotive Market Report: Trends, Forecast and Competitive Analysis” include:

Market size estimates: Molybdenum in the automotive market size estimation in terms of value (\$M) and volume (M Lbs.) shipment. Trend and forecast analysis: Market trend (2013-2018) and forecast (2019-2024) by end use and use industry. Segmentation analysis: Molybdenum in the automotive market size by product, application, and vehicle type in terms of value shipment. Regional analysis: Molybdenum in the automotive market breakdown by key regions such as North America, Europe, and Asia & Rest of World. Growth opportunities: Analysis on growth opportunities in different applications and regions of molybdenum in the automotive market. Strategic analysis: This includes M&A, new product development, and competitive landscape of molybdenum in the automotive market. Analysis of competitive intensity of the industry based on Porter’s Five Forces model.

This report answers following 11 key questions:

- Q.1. What are some of the most promising, high-growth opportunities for molybdenum in the 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 key challenges and business risks for molybdenum in the automotive market?
- Q.5. What are the business risks and competitive threats for molybdenum in the automotive market?
- Q.6. What are the emerging trends for molybdenum in the automotive market and the reasons behind them?
- Q.7. What are some of the changing demands of customers for molybdenum in the automotive market?
- Q.8. What are the new developments for molybdenum in the automotive market? Which companies are leading these developments?
- Q.9. Who are the major players for molybdenum in the automotive market? What strategic initiatives are key players pursuing for business growth?
- Q.10. What are some of the competing products for molybdenum in the automotive market, and how big of a threat do they pose for loss of market share by material or product substitution?
- Q.11. What M&A activity did occur in the last five years, and what has its impact been for molybdenum in the automotive industry?

Contents

1. EXECUTIVE SUMMARY

2. MARKET BACKGROUND AND CLASSIFICATIONS

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

2.3: Industry Drivers and Challenges

3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2013 TO 2024

3.1: Macroeconomic Trends and Forecast

3.2: Molybdenum in the Automotive Market Trends and Forecast

3.3: Molybdenum in the Automotive Market by Application Type

3.3.1: Engine

3.3.2: Exhaust System

3.3.3: Crankshaft

3.3.4: Piston rings

3.4: Molybdenum in the Automotive Market by Vehicle Type

3.4.1: Small Cars

3.4.2: Mid-size cars

3.4.3: Large Cars

3.4.4: Multi-purpose vehicles and Light commercial vehicles (MPV and LCV)

3.4.5: SUVs

3.4.6: Others

4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION

4.1: Molybdenum in the Automotive Market by Region

4.2: Molybdenum in the North American Automotive Market

4.2.1: Molybdenum in the North American Automotive Market by Application

4.3: Molybdenum in the European Automotive Market

4.3.1: Molybdenum in the European Automotive Market by Application

4.4: Molybdenum in the APAC Automotive Market

4.4.1: Molybdenum in the APAC Automotive Market by Application

4.5: Molybdenum in the ROW Automotive Market

4.5.1: Molybdenum in the ROW Automotive Market by Application

5. COMPETITOR ANALYSIS

- 5.1: Product Portfolio Analysis
- 5.2: Porter's Five Forces Analysis

6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

- 6.1: Growth Opportunity Analysis
 - 6.1.1: Growth Opportunities for Molybdenum in the Automotive Market by Application
 - 6.1.2: Growth Opportunities for the Molybdenum in the Automotive Market by Vehicle Type
 - 6.1.3: Growth Opportunities for the Molybdenum in the Automotive Market by Region
- 6.2: Emerging Trends of Molybdenum in the Automotive Market
- 6.3: Strategic Analysis
 - 6.3.1: Capacity Expansion of Molybdenum in the Automotive Market
 - 6.3.2: Mergers, Acquisitions and Joint Ventures of Molybdenum in the Automotive Market
 - 6.3.3: Certification and Licensing

7. COMPANY PROFILES OF LEADING PLAYERS

- 7.1: Centerra Gold Inc
- 7.2: Codelco Mining Co.
- 7.3: China Molybdenum Company Ltd.
- 7.4: Grupo Mexico
- 7.5: Anglo American Plc
- 7.6: Freeport-Mc-MoRon Inc
- 7.7: Jinduicheng Molybdenum Group Co. Ltd

List Of Figures

LIST OF FIGURES

CHAPTER 2. MARKET BACKGROUND AND CLASSIFICATIONS

Figure 2.1: Different Uses of Molybdenum

Figure 2.2: Molybdenum Mining and Processing

Figure 2.3: Molybdenum Mining

Figure 2.4: Supply Chain of Molybdenum in the Automotive Market

Figure 2.5: Drivers and Challenges of Molybdenum in the Automotive Market

CHAPTER 3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2013 TO 2024

Figure 3.1: Trends of the GDP Growth Rate

Figure 3.2: Trends of the Population Growth Rate

Figure 3.3: Trends of the Regional GDP Growth Rate

Figure 3.4: Trends of the Regional Population Growth Rate

Figure 3.5: Regional Per Capita Income Trends

Figure 3.6: Forecast for the GDP Growth Rate

Figure 3.7: Forecast for the Population Growth Rate

Figure 3.8: Forecast for the Regional GDP Growth Rate

Figure 3.9: Forecast for the Regional Population Growth Rate

Figure 3.10: Forecast for Regional Per Capita Income

Figure 3.11: Trends and Forecast for Molybdenum in the Automotive Market

Figure 3.12: Trends of Molybdenum in the Automotive Market (\$M) by Application (2013-2018)

Figure 3.13: Forecast for Molybdenum in the Automotive Market (\$M) by Application (2019-2024)

Figure 3.14: Trends of Molybdenum in the Automotive Market (M lbs) by Application (2013-2018)

Figure 3.15: Forecast for Molybdenum in the Automotive Market (M lbs) by Application (2019-2024)

Figure 3.16: Trends of Molybdenum for Engine in the Automotive Market (\$M) by Region (2013-2018)

Figure 3.17: Forecast for Molybdenum for Engine in the Automotive Market (\$M) by Region (2019-2024)

Figure 3.18: Trends of Molybdenum for Engine in the Automotive Market (M lbs) by Region (2013-2018)

Figure 3.19: Forecast for Molybdenum for Engine in the Automotive Market (M lbs) by Region (2019-2024)

Figure 3.20: Trends of Molybdenum for Exhaust system in the Automotive Market (\$M) by Region (2013-2018)

Figure 3.21: Forecast for Molybdenum for Exhaust System in the Automotive Market (\$M) by Region (2019-2024)

Figure 3.22: Trends of Molybdenum for Exhaust System in the Automotive Market

Figure 3.23: Forecast for Molybdenum for Exhaust System in the Automotive Market (M lbs) by Region (2019-2024)

Figure 3.24: Trends of Molybdenum for Crankshaft in the Automotive Market (\$M) by Region (2013-2018)

Figure 3.25: Forecast for Molybdenum for Crankshaft in the Automotive Market (\$M) by Region (2019-2024)

Figure 3.26: Trends of Molybdenum for Crankshaft in the Automotive Market (M lbs) by Region (2013-2018)

Figure 3.27: Forecast for Molybdenum for Crankshaft in the Automotive Market

Figure 3.28: Trends of Molybdenum for Piston Rings in the Automotive Market (\$M) by Region (2013-2018)

Figure 3.29: Forecast for Molybdenum for Piston Rings in the Automotive Market (\$M) by Region (2019-2024)

Figure 3.30: Trends of Molybdenum for Piston Rings in the Automotive Market

Figure 3.31: Forecast for Molybdenum for Piston Rings in the Automotive Market

Figure 3.32: Trends of Molybdenum in the Automotive Market (\$M) by Vehicle Type

Figure 3.33: Forecast for Molybdenum in the Automotive Market (\$M) by Vehicle Type (2019-2024)

Figure 3.34: Trends of Molybdenum in the Automotive Market (M lbs) by Vehicle Type (2013-2018)

Figure 3.35: Forecast for Molybdenum in the Automotive Market (M lbs) by Vehicle Type (2019-2024)

Figure 3.36: Trends and Forecast for Molybdenum for Small Cars in the Automotive Market by Value (\$M) and Volume (M lbs) (2013-2018)

Figure 3.37: Trends and Forecast for Molybdenum for Mid-size Cars in the Automotive Market by value (\$M) and volume (M lbs) (2013-2018)

Figure 3.38: Trends and Forecast for Molybdenum for Large Cars in the Automotive Market by value (\$M) and volume (M lbs) (2013-2018)

Figure 3.39: Trends and Forecast for Molybdenum for MPV and LCV in the Automotive Market by value (\$M) and volume (M lbs) (2013-2018)

Figure 3.40: Trends and Forecast for Molybdenum for SUVs in the Automotive Market by value (\$M) and volume (M lbs) (2013-2018)

Figure 3.41: Trends and Forecast for Molybdenum for Others in the Automotive Market by value (\$M) and volume (M lbs) (2013-2018)

CHAPTER 4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION

Figure 4.1: Trends of Molybdenum in the Automotive Market (\$M) by Region

Figure 4.2: Forecast for Molybdenum in the Automotive Market (\$M) by Region

Figure 4.3: Trends of Molybdenum in the Automotive Market (M lbs) by Region

Figure 4.4: Forecast for Molybdenum in the Automotive Market (M lbs) by Region (2019-2024)

Figure 4.5: Trends and Forecast for Molybdenum in the North American Automotive Market (2013-2024) (Source: Lucintel)

Figure 4.6: Trends of Molybdenum in the North American Automotive Market (\$M) by Application (2013-2018)

Figure 4.7: Forecast for Molybdenum in the North American Automotive Market (\$M) by Application (2019-2024)

Figure 4.8: Trends of Molybdenum in the North American Automotive Market (M lbs) by Application (2013-2018)

Figure 4.9: Forecast for Molybdenum in the North American Automotive Market (M lbs) by Application (2019-2024)

Figure 4.10: Trends and Forecast for Molybdenum in the European Automotive Market (2013-2024) (Source: Lucintel)

Figure 4.11: Trends of Molybdenum in the European Automotive Market (\$M) by Application (2013-2018)

Figure 4.12: Forecast for Molybdenum in the European Automotive Market (\$M) by Application (2019-2024)

Figure 4.13: Trends of Molybdenum in the European Automotive Market (M lbs) by Application (2013-2018)

Figure 4.14: Forecast for the European Automotive Molybdenum Market (M lbs) by Application (2019-2024)

Figure 4.15: Trends and Forecast for Molybdenum in the APAC Automotive Market

Figure 4.16: Trends of Molybdenum in the APAC Automotive Market (\$M) by Application (2013-2018)

Figure 4.17: Forecast for the APAC Automotive Molybdenum Market (\$M) by Application (2019-2024)

Figure 4.18: Trends of Molybdenum in the APAC Automotive Market (M lbs) by Application (2013-2018)

Figure 4.19: Forecast for Molybdenum in the APAC Automotive Market (M lbs) by Application (2019-2024)

Figure 4.20: Trends and Forecast of Molybdenum in the ROW Automotive Market

Figure 4.21: Trends of Molybdenum in the ROW Automotive Market (\$M) by Application (2013-2018)

Figure 4.22: Forecast for Molybdenum in the ROW Automotive Market (\$M) by Application (2019-2024)

Figure 4.23: Trends of Molybdenum in the ROW Automotive Market (M lbs) by Application (2013-2018)

Figure 4.24: Forecast for Molybdenum in the ROW Automotive Market (M lbs) by Application (2019-2024)

CHAPTER 5. COMPETITOR ANALYSIS

Figure 5.1: Porter's Five Forces Analysis of the Molybdenum in the Automotive Market

CHAPTER 6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

Figure 6.1: Growth Opportunities for the Molybdenum in the Automotive Market by Application (2019-2024)

Figure 6.2: Growth Opportunities for the Molybdenum in the Automotive Market by Application (2019-2024)

Figure 6.3: Growth Opportunities for Molybdenum in the Automotive Market by Region (2019-2024)

Figure 6.4: Emerging Trends of Molybdenum in the Automotive Market

Figure 6.5: Strategic Initiatives by Major Competitors of Molybdenum in the Automotive Market (2017-2019)

Figure 6.6: Major Capacity Expansions of Molybdenum in the Automotive Molybdenum Market

CHAPTER 7. COMPANY PROFILES OF LEADING PLAYERS

Figure 7.1: Major Manufacturing locations of Centerra Gold Inc.

Figure 7.2: Major Manufacturing Locations of Codelco

Figure 7.3: Major Manufacturing Locations of China Molybdenum Co Ltd.

Figure 7.4: Major Plant Locations of Grupo Mexico

Figure 7.5: Major Manufacturing Locations of Anglo American Plc.

Figure 7.6: Major Manufacturing Locations of Freeport-Mc-MoRan

Figure 7.7: Major Manufacturing Locations of Jinduicheng Molybdenum Mining Group Co.Ltd

List Of Tables

LIST OF TABLES

CHAPTER 1. EXECUTIVE SUMMARY

Table 1:1: Molybdenum in the Automotive Market Parameters and Attributes

CHAPTER 2. MARKET BACKGROUND AND CLASSIFICATIONS

Table 2:1: Properties of Molybdenum

CHAPTER 3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2013 TO 2024

Table 3:1: Market Trends of Molybdenum in the Automotive Market (2013-2018)

Table 3:2: Market Forecast for Molybdenum in the Automotive Market (2019-2024)

Table 3:3: Market Size and CAGR of Various Applications in the Molybdenum in the Automotive Market by Value (2013-2018)

Table 3:4: Market Size and CAGR of Various Applications in the Molybdenum in the Automotive Market by Value (2019-2024)

Table 3:5: Market Size and CAGR of Various Applications in the Molybdenum in the Automotive Market by Volume (2019-2024)

Table 3:6: Market Size and CAGR of Various Applications in the Molybdenum in the Automotive Market by Volume (2019-2024)

Table 3:7: Market Size and CAGR of Various Regions of Molybdenum for Engine in the Automotive Market by Value (2013-2018)

Table 3:8: Market Size and CAGR of Various Regions of Molybdenum for Engine in the Automotive Market by Value (2019-2024)

Table 3:9: Market Size and CAGR of Various Regions of Molybdenum for Engine in the Automotive Market by Volume (2013-2018)

Table 3:10: Market Size and CAGR of Various Regions of Molybdenum for Engine in the Automotive Market by Volume (2019-2024)

Table 3:11: Market Size and CAGR of Various Regions of Molybdenum for Exhaust System in the Automotive Market by Value (2013-2018)

Table 3:12: Market Size and CAGR of Various Regions of Molybdenum for Exhaust System in the Automotive Market by Value (2019-2024)

Table 3:13: Market Size and CAGR of Various Regions of Molybdenum for Exhaust System in the Automotive Market by Volume (2013-2018)

Table 3:14: Market Size and CAGR of Various Regions of Molybdenum for Exhaust

System in the Automotive Market by Volume (2019-2024)

Table 3:15: Market Size and CAGR of Various Regions of Molybdenum for Crankshaft in the Automotive Market by Value (2013-2018)

Table 3:16: Market Size and CAGR of Various Regions of Molybdenum for Crankshaft in the Automotive Market by Value (2019-2024)

Table 3:17: Market Size and CAGR of Various Regions of Molybdenum for Crankshaft in the Automotive Market by Volume (2013-2018)

Table 3:18: Market Size and CAGR of Various Regions of Molybdenum for Crankshaft in the Automotive Market by Volume (2019-2024)

Table 3:19: Market Size and CAGR of Various Regions of Molybdenum for Piston Rings in the Automotive Market by Value (2013-2018)

Table 3:20: Market Size and CAGR of Various Regions of Piston Rings in the Molybdenum in the Automotive Market by Value (2019-2024)

Table 3:21: Market Size and CAGR of Various Regions of Molybdenum for Piston Rings in the Automotive Market by Volume (2013-2018)

Table 3:22: Market Size and CAGR of Various Regions of Molybdenum for Piston Rings in the Automotive Market by Volume (2019-2024)

Table 3:23: Market Size and CAGR of Various Vehicle Types of Molybdenum in the Automotive Market by Value (2013-2018)

Table 3:24: Market Size and CAGR of Various Vehicle Types of Molybdenum in the Automotive Market by Value (2019-2024)

Table 3:25: Market Size and CAGR of Various Vehicle Types of Molybdenum in the Automotive Market by Volume (2013-2018)

Table 3:26: Market Size and CAGR of Various Vehicle Types of Molybdenum in the Automotive Market by Volume (2019-2024)

CHAPTER 4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION

Table 4:1: Market Size and CAGR of Various Regions of Molybdenum in the Automotive Market by Value (2013-2018)

Table 4:2: Market Size and CAGR of Various Regions in the Molybdenum in the Automotive Market by Value (2019-2024)

Table 4:3: Market Size and CAGR of Various Regions of Molybdenum in the Automotive Market by Volume (2013-2018)

Table 4:4: Market Size and CAGR of Various Regions of Molybdenum in the Automotive Market by Volume (2019-2024)

Table 4:5: Market Trends of Molybdenum in the North American Automotive Molybdenum Market

Table 4:6: Market Forecast for Molybdenum in the North American Automotive

Molybdenum Market

Table 4:7: Market Size and CAGR of Various Applications of Molybdenum in the North American Automotive Market by Value (2013-2018)

Table 4:8: Market Size and CAGR of Various Applications of Molybdenum in the North American Automotive Market by Value (2019-2024)

Table 4:9: Market Size and CAGR of Various Applications of Molybdenum in the North American Automotive Market by Volume (2013-2018)

Table 4:10: Market Size and CAGR of Various Applications of Molybdenum in the North American Automotive Market by Volume (2019-2024)

Table 4:11: Market Trends of Molybdenum in the European Automotive Market (2013-2018)

Table 4:12: Market Forecast for Molybdenum in the European Automotive Market

Table 4:13: Market Size and CAGR of Various Applications of Molybdenum in the European Automotive Market by Value (2013-2018)

Table 4:14: Market Size and CAGR of Various Applications of Molybdenum European Automotive Market by Value (2019-2024)

Table 4:15: Market Size and CAGR of Various Applications of Molybdenum in the European Automotive Market by Volume (2013-2018)

Table 4:16: Market Size and CAGR of Various Applications of Molybdenum in the European Automotive Market by Volume (2019-2024)

Table 4:17: Market Trends of Molybdenum in the APAC Automotive Molybdenum Market (2013-2018)

Table 4:18: Market Forecast for Molybdenum in the APAC Automotive Molybdenum Market (2019-2024)

Table 4:19: Market Size and CAGR of Various Applications of Molybdenum in the APAC Automotive Market by Value (2013-2018)

Table 4:20: Market Size and CAGR of Various Applications of Molybdenum in the APAC Automotive Molybdenum Market by Value (2019-2024)

Table 4:21: Market Size and CAGR of Various Applications of Molybdenum in the APAC Automotive Molybdenum Market by Volume (2013-2018)

Table 4:22: Market Size and CAGR of Various Product Vehicle Types for Molybdenum in the APAC Automotive Molybdenum Market by Volume (2019-2024)

Table 4:23: Market Trends of Molybdenum in the ROW Automotive Molybdenum Market (2013-2018)

Table 4:24: Market Forecast for Molybdenum in the ROW Automotive Molybdenum Market (2019-2024)

Table 4:25: Market Size and CAGR of Various Applications of Molybdenum in the ROW Automotive Market by Value (2013-2018)

Table 4:26: Market Size and CAGR of Various Applications of Molybdenum in the ROW

Automotive Molybdenum Market by Value (2019-2024)

Table 4:27: Market Size and CAGR of Various Applications of Molybdenum in the ROW Automotive Market by Volume (2013-2018)

Table 4:28: Market Size and CAGR of Various Applications of Molybdenum in the ROW Automotive Market by Volume (2019-2024)

CHAPTER 5. COMPETITOR ANALYSIS

Table 5:1: Mapping of Molybdenum Suppliers Based on Vehicle Type

CHAPTER 6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

Table 6:1: Certifications and Licenses Acquired by Major Competitors of Molybdenum in the Automotive Market

I would like to order

Product name: Molybdenum in the Automotive Market Report: Trends, Forecast and Competitive Analysis

Product link: <https://marketpublishers.com/r/ME85603FA295EN.html>

Price: US\$ 4,850.00 (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/ME85603FA295EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

