

Global Electric Vehicle Fluids Market Size study, by Product Type (Engine Oil, Coolants, Transmission Fluids, Greases), Vehicle Type (On-highway Vehicle, Off-highway Vehicle), Propulsion Type (Hybrid EV, Battery EV), Fill Type, and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G53C7C3BE1F6EN.html>

Date: January 2025

Pages: 285

Price: US\$ 3,750.00 (Single User License)

ID: G53C7C3BE1F6EN

Abstracts

The Global Electric Vehicle Fluids Market, valued at approximately USD 1.27 billion in 2023, is projected to grow at an exceptional CAGR of 31.20% over the forecast period 2024-2032. Electric vehicle (EV) fluids are pivotal to the efficient operation, longevity, and sustainability of EVs, catering to the unique requirements of their advanced drivetrains and battery systems. These fluids ensure optimal thermal management, lubrication, and electrical insulation, playing an indispensable role in enhancing the performance and reliability of electric and hybrid vehicles.

The global shift towards decarbonization, coupled with escalating adoption of EVs, has propelled the demand for high-performance EV fluids. Manufacturers are intensively innovating in formulation and application to address the evolving needs of next-generation EV systems. For instance, coolants and thermal management fluids designed specifically for EV batteries mitigate overheating risks and extend battery lifespan, while transmission fluids are engineered to optimize energy efficiency and reduce friction. However, challenges such as high production costs and limited standardization in EV fluid applications hinder seamless market growth.

Regional dynamics underscore varied market opportunities, with Asia Pacific emerging as a dominant region, driven by rapid electrification of transportation, favorable government initiatives, and the presence of leading EV manufacturers in countries like

China, Japan, and South Korea. In North America and Europe, the market growth is catalyzed by robust investments in EV infrastructure, stringent emission regulations, and rising consumer awareness about sustainability. Meanwhile, Latin America and the Middle East & Africa showcase emerging potential as governments and stakeholders increasingly prioritize EV adoption in their transportation policies.

Major market players included in this report are:

ExxonMobil Corporation

Shell PLC

TotalEnergies SE

BP PLC

Chevron Corporation

Valvoline Inc.

FUCHS Petrolub SE

BASF SE

Castrol Limited

Idemitsu Kosan Co., Ltd.

Repsol S.A.

Ki?ber Lubrication M?nchen SE & Co. KG

AMSOIL Inc.

Petronas Lubricants International

Afton Chemical Corporation

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

By Product Type:

Engine Oil

Coolants

Transmission Fluids

Greases

By Vehicle Type:

On-highway Vehicle

Off-highway Vehicle

By Propulsion Type:

Hybrid EV

Battery EV

By Fill Type:

Factory Fill

Service Fill

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:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approaches.

Analysis of the competitive structure of the market.

Demand-side and supply-side analysis of the market.

Contents

CHAPTER 1. GLOBAL ELECTRIC VEHICLE FLUIDS MARKET EXECUTIVE SUMMARY

- 1.1. Global Electric Vehicle Fluids Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Product Type
 - 1.3.2. By Vehicle Type
 - 1.3.3. By Propulsion Type
 - 1.3.4. By Fill Type
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL ELECTRIC VEHICLE 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 ELECTRIC VEHICLE FLUIDS MARKET DYNAMICS

3.1. Market Drivers

- 3.1.1. Surge in Electric Vehicle Adoption
- 3.1.2. Innovations in Fluid Formulations
- 3.1.3. Government Incentives and Policies

3.2. Market Challenges

- 3.2.1. High Production Costs
- 3.2.2. Limited Standardization

3.3. Market Opportunities

- 3.3.1. Expansion in Emerging Markets
- 3.3.2. Development of Sustainable Fluids
- 3.3.3. Integration with Advanced EV Technologies

CHAPTER 4. GLOBAL ELECTRIC VEHICLE 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 ELECTRIC VEHICLE FLUIDS MARKET SIZE & FORECASTS

BY PRODUCT TYPE 2022-2032

5.1. Segment Dashboard

5.2. Global Electric Vehicle Fluids Market: Product Type Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

5.2.1. Engine Oil

5.2.2. Coolants

5.2.3. Transmission Fluids

5.2.4. Greases

CHAPTER 6. GLOBAL ELECTRIC VEHICLE FLUIDS MARKET SIZE & FORECASTS BY VEHICLE TYPE 2022-2032

6.1. Segment Dashboard

6.2. Global Electric Vehicle Fluids Market: Vehicle Type Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

6.2.1. On-highway Vehicle

6.2.2. Off-highway Vehicle

CHAPTER 7. GLOBAL ELECTRIC VEHICLE FLUIDS MARKET SIZE & FORECASTS BY PROPULSION TYPE 2022-2032

7.1. Segment Dashboard

7.2. Global Electric Vehicle Fluids Market: Propulsion Type Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

7.2.1. Hybrid EV

7.2.2. Battery EV

CHAPTER 8. GLOBAL ELECTRIC VEHICLE FLUIDS MARKET SIZE & FORECASTS BY FILL TYPE 2022-2032

8.1. Segment Dashboard

8.2. Global Electric Vehicle Fluids Market: Fill Type Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

8.2.1. Factory Fill

8.2.2. Service Fill

CHAPTER 9. GLOBAL ELECTRIC VEHICLE FLUIDS MARKET SIZE & FORECASTS BY REGION 2022-2032

- 9.1. North America Electric Vehicle Fluids Market
 - 9.1.1. U.S. Electric Vehicle Fluids Market
 - 9.1.1.1. Engine Oil Breakdown Size & Forecasts, 2022-2032
 - 9.1.1.2. Coolants Breakdown Size & Forecasts, 2022-2032
 - 9.1.1.3. Transmission Fluids Breakdown Size & Forecasts, 2022-2032
 - 9.1.1.4. Greases Breakdown Size & Forecasts, 2022-2032
 - 9.1.2. Canada Electric Vehicle Fluids Market
 - 9.1.2.1. Engine Oil Breakdown Size & Forecasts, 2022-2032
 - 9.1.2.2. Coolants Breakdown Size & Forecasts, 2022-2032
 - 9.1.2.3. Transmission Fluids Breakdown Size & Forecasts, 2022-2032
 - 9.1.2.4. Greases Breakdown Size & Forecasts, 2022-2032
- 9.2. Europe Electric Vehicle Fluids Market
 - 9.2.1. UK Electric Vehicle Fluids Market
 - 9.2.2. Germany Electric Vehicle Fluids Market
 - 9.2.3. France Electric Vehicle Fluids Market
 - 9.2.4. Spain Electric Vehicle Fluids Market
 - 9.2.5. Italy Electric Vehicle Fluids Market
 - 9.2.6. Rest of Europe Electric Vehicle Fluids Market
- 9.3. Asia-Pacific Electric Vehicle Fluids Market
 - 9.3.1. China Electric Vehicle Fluids Market
 - 9.3.2. India Electric Vehicle Fluids Market
 - 9.3.3. Japan Electric Vehicle Fluids Market
 - 9.3.4. Australia Electric Vehicle Fluids Market
 - 9.3.5. South Korea Electric Vehicle Fluids Market
 - 9.3.6. Rest of Asia Pacific Electric Vehicle Fluids Market
- 9.4. Latin America Electric Vehicle Fluids Market
 - 9.4.1. Brazil Electric Vehicle Fluids Market
 - 9.4.2. Mexico Electric Vehicle Fluids Market
 - 9.4.3. Rest of Latin America Electric Vehicle Fluids Market
- 9.5. Middle East & Africa Electric Vehicle Fluids Market
 - 9.5.1. Saudi Arabia Electric Vehicle Fluids Market
 - 9.5.2. South Africa Electric Vehicle Fluids Market
 - 9.5.3. Rest of Middle East & Africa Electric Vehicle Fluids Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

10.1. Key Company SWOT Analysis

- 10.1.1. ExxonMobil Corporation
- 10.1.2. Shell PLC
- 10.1.3. TotalEnergies SE
- 10.2. Top Market Strategies
- 10.3. Company Profiles
 - 10.3.1. ExxonMobil Corporation
 - 10.3.1.1. Key Information
 - 10.3.1.2. Overview
 - 10.3.1.3. Financial (Subject to Data Availability)
 - 10.3.1.4. Product Summary
 - 10.3.1.5. Market Strategies
 - 10.3.2. Shell PLC
 - 10.3.3. TotalEnergies SE
 - 10.3.4. BP PLC
 - 10.3.5. Chevron Corporation
 - 10.3.6. Valvoline Inc.
 - 10.3.7. FUCHS Petrolub SE
 - 10.3.8. BASF SE
 - 10.3.9. Castrol Limited
 - 10.3.10. Idemitsu Kosan Co., Ltd.
 - 10.3.11. Repsol S.A.
 - 10.3.12. Klüber Lubrication München SE & Co. KG
 - 10.3.13. AMSOIL Inc.
 - 10.3.14. Petronas Lubricants International
 - 10.3.15. Afton Chemical Corporation

CHAPTER 11. RESEARCH PROCESS

- 11.1. Research Process
 - 11.1.1. Data Mining
 - 11.1.2. Analysis
 - 11.1.3. Market Estimation
 - 11.1.4. Validation
 - 11.1.5. Publishing
- 11.2. Research Attributes

12. LIST OF TABLES

- **TABLE 1. Global Electric Vehicle Fluids Market Report Scope**

Global Electric Vehicle Fluids Market Size study, by Product Type (Engine Oil, Coolants, Transmission Fluids,...

- TABLE 2. Global Electric Vehicle Fluids Market Estimates & Forecasts by Region 2022-2032 (USD Million/Billion)
- TABLE 3. Global Electric Vehicle Fluids Market Estimates & Forecasts by Product Type 2022-2032 (USD Million/Billion)
- TABLE 4. Global Electric Vehicle Fluids Market Estimates & Forecasts by Vehicle Type 2022-2032 (USD Million/Billion)
- TABLE 5. Global Electric Vehicle Fluids Market Estimates & Forecasts by Propulsion Type 2022-2032 (USD Million/Billion)
- TABLE 6. Global Electric Vehicle Fluids Market Estimates & Forecasts by Fill Type 2022-2032 (USD Million/Billion)
- TABLE 7. Global Electric Vehicle Fluids Market by Segment, Estimates & Forecasts, 2022-2032 (USD Million/Billion)
- TABLE 8. Global Electric Vehicle Fluids Market by Region, Estimates & Forecasts, 2022-2032 (USD Million/Billion)
- TABLE 9. Global Electric Vehicle Fluids Market by Segment, Estimates & Forecasts, 2022-2032 (USD Million/Billion)
- TABLE 10. Global Electric Vehicle Fluids Market by Region, Estimates & Forecasts, 2022-2032 (USD Million/Billion)
- TABLE 11. Global Electric Vehicle Fluids Market by Segment, Estimates & Forecasts, 2022-2032 (USD Million/Billion)
- TABLE 12. Global Electric Vehicle Fluids Market by Region, Estimates & Forecasts, 2022-2032 (USD Million/Billion)
- TABLE 13. Global Electric Vehicle Fluids Market by Segment, Estimates & Forecasts, 2022-2032 (USD Million/Billion)
- TABLE 14. Global Electric Vehicle Fluids Market by Region, Estimates & Forecasts, 2022-2032 (USD Million/Billion)
- TABLE 15. U.S. Electric Vehicle Fluids Market Estimates & Forecasts, 2022-2032 (USD Million/Billion)
- TABLE 16. U.S. Electric Vehicle Fluids Market Estimates & Forecasts by Segment 2022-2032 (USD Million/Billion)
- TABLE 17. U.S. Electric Vehicle Fluids Market Estimates & Forecasts by Segment 2022-2032 (USD Million/Billion)
- TABLE 18. Canada Electric Vehicle Fluids Market Estimates & Forecasts, 2022-2032 (USD Million/Billion)
- TABLE 19. Canada Electric Vehicle Fluids Market Estimates & Forecasts by Segment 2022-2032 (USD Million/Billion)
- TABLE 20. Canada Electric Vehicle Fluids Market Estimates & Forecasts by Segment 2022-2032 (USD Million/Billion)
- ...

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

12. LIST OF FIGURES

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

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

I would like to order

Product name: Global Electric Vehicle Fluids Market Size study, by Product Type (Engine Oil, Coolants, Transmission Fluids, Greases), Vehicle Type (On-highway Vehicle, Off-highway Vehicle), Propulsion Type (Hybrid EV, Battery EV), Fill Type, and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G53C7C3BE1F6EN.html>

Price: US\$ 3,750.00 (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/G53C7C3BE1F6EN.html>