

Global EV Coolant Market Research Report 2024(Status and Outlook)

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Abstracts

Report Overview

Electric Vehicle (EV) coolant is a specialized fluid used in electric vehicles to regulate the temperature of the battery pack and electric motor. This coolant plays a crucial role in maintaining optimal operating temperatures, ensuring the efficiency and longevity of EV components. The market for EV coolant is positioned within the broader electric vehicle ecosystem, catering to the specific needs of EV manufacturers and users.

As of 2023, the global market size for EV coolant stands at approximately USD 150 million. This figure is expected to grow at a Compound Annual Growth Rate (CAGR) of 20.50% from 2024 to 2032, reaching a projected market size of USD 520 million by the end of the forecast period. This growth can be attributed to several key factors driving the market forward.

One of the primary growth drivers for the EV coolant market is the increasing adoption of electric vehicles worldwide. As governments and consumers alike prioritize sustainability and environmental consciousness, the demand for EVs continues to rise. This surge in EV adoption directly translates to a higher demand for EV coolants to support the expanding fleet of electric vehicles on the roads.

Moreover, technological advancements in EV coolant formulations are also propelling market growth. Manufacturers are investing in research and development to create more efficient and environmentally friendly coolant solutions that enhance the performance of electric vehicles. These innovations are attracting customers looking for high-performance coolants that improve overall vehicle efficiency and battery life.

In terms of market trends, a notable shift towards eco-friendly and non-toxic coolant solutions is gaining traction. Manufacturers are increasingly focusing on developing biodegradable and non-hazardous coolants to align with sustainability goals and regulatory requirements. This trend reflects the broader industry movement towards greener practices and products, influencing purchasing decisions among environmentally conscious consumers and businesses.

Another trend shaping the EV coolant market is the integration of smart coolant systems in electric vehicles. These systems leverage sensors and data analytics to monitor coolant levels and temperatures actively, optimizing performance and preventing overheating incidents. The rise of connected and autonomous vehicles further drives the adoption of smart coolant solutions, enhancing overall vehicle safety and efficiency.

Regionally, leading markets for EV coolant include North America, Europe, and Asia Pacific. These regions dominate the market due to the high concentration of electric vehicle manufacturers and the supportive regulatory environment promoting EV adoption. North America benefits from a mature EV market and robust infrastructure, while Europe leads in sustainable practices and stringent emissions regulations. Asia Pacific, particularly China, is a key market for EVs, driving the demand for associated products like EV coolant.

Despite the promising growth prospects, the EV coolant market faces challenges such as price volatility of raw materials, regulatory uncertainties, and competition from traditional coolant manufacturers. Addressing these challenges will require industry players to focus on innovation, sustainable practices, and strategic partnerships to stay competitive in the evolving electric vehicle landscape.

In conclusion, the EV coolant market is poised for significant growth driven by increasing EV adoption, technological advancements, and sustainability trends. Manufacturers and stakeholders in this space must stay agile, prioritize innovation, and adapt to changing market dynamics to capitalize on the expanding opportunities in the electric vehicle coolant segment.

This report provides a deep insight into the global EV Coolant market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and

strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global EV Coolant Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the EV Coolant market in any manner.

Global EV Coolant Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Prestone

Arteco

BASF

Recochem

TotalEnergies

ExxonMobil

Pentosin

Totachi Industrial

PEAK Auto

Mobil

Shell

Monarch

LOPAL

SINOPEC

Phillips 66

Valvoline

EPPCO Lubricants

Cummins Filtration

IACC

PrixMax

Market Segmentation (by Type)

-40°C

-45°C

-50°C

Others

Market Segmentation (by Application)

Passenger Car

Commercial Vehicle

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the EV Coolant Market

Overview of the regional outlook of the EV Coolant Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set

to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the EV Coolant Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future

development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of EV Coolant

1.2 Key Market Segments

1.2.1 EV Coolant Segment by Type

1.2.2 EV Coolant Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 EV COOLANT MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global EV Coolant Market Size (M USD) Estimates and Forecasts (2019-2032)

2.1.2 Global EV Coolant Sales Estimates and Forecasts (2019-2032)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

2.4 Macroeconomic Analysis

3 EV COOLANT MARKET COMPETITIVE LANDSCAPE

3.1 Global EV Coolant Sales by Manufacturers (2019-2024)

3.2 Global EV Coolant Revenue Market Share by Manufacturers (2019-2024)

3.3 EV Coolant Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global EV Coolant Average Price by Manufacturers (2019-2024)

3.5 Manufacturers EV Coolant Sales Sites, Area Served, Product Type

3.6 EV Coolant Market Competitive Situation and Trends

3.6.1 EV Coolant Market Concentration Rate

3.6.2 Global 5 and 10 Largest EV Coolant Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

4 EV COOLANT INDUSTRY CHAIN ANALYSIS

4.1 EV Coolant Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF EV COOLANT MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Market Restraints

5.5 Industry News

5.5.1 New Product Developments

5.5.2 Mergers & Acquisitions

5.5.3 Expansions

5.5.4 Collaboration/Supply Contracts

5.6 Industry Policies

6 EV COOLANT MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global EV Coolant Sales Market Share by Type (2019-2024)

6.3 Global EV Coolant Market Size Market Share by Type (2019-2024)

6.4 Global EV Coolant Price by Type (2019-2024)

7 EV COOLANT MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global EV Coolant Market Sales by Application (2019-2024)

7.3 Global EV Coolant Market Size (M USD) by Application (2019-2024)

7.4 Global EV Coolant Sales Growth Rate by Application (2019-2024)

8 EV COOLANT MARKET SALES BY REGION

8.1 Global EV Coolant Sales by Region

8.1.1 Global EV Coolant Sales by Region

8.1.2 Global EV Coolant Sales Market Share by Region

8.2 Global EV Coolant Market Size by Region

8.2.1 Global EV Coolant Market Size by Region

8.2.2 Global EV Coolant Market Size Market Share by Region

8.3 North America

8.3.1 North America EV Coolant Sales by Country

8.3.2 North America EV Coolant Market Size by Country

8.3.3 U.S. Market Overview

8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe EV Coolant Sales by Country

8.4.2 Europe EV Coolant Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Russia Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific EV Coolant Sales by Region

8.5.2 China

8.5.3 Japan

8.5.4 South Korea

8.5.5 India

8.5.6 Southeast Asia

8.6 Asia Pacific

8.6.1 Asia Pacific EV Coolant Market Size by Region

8.6.2 Asia Pacific EV Coolant Market Size by Region

8.6.3 China

8.6.4 Japan

8.6.5 South Korea

8.6.6 India

8.6.7 Southeast Asia

8.7 South America

8.7.1 South America EV Coolant Sales by Country

8.7.2 South America EV Coolant Market Size by Country

8.7.3 Brazil

8.7.4 Argentina

8.7.5 Columbia

8.8 Middle East and Africa

8.8.1 Middle East and Africa EV Coolant Sales by Region

8.8.2 Middle East and Africa EV Coolant Market Size by Region

8.8.3 Saudi Arabia

- 8.8.4 UAE
- 8.8.5 Egypt
- 8.8.6 Nigeria
- 8.8.7 South Africa

9 EV COOLANT MARKET PRODUCTION BY REGION

- 9.1 Global Production of EV Coolant by Region (2019-2024)
- 9.2 Global EV Coolant Revenue Market Share by Region (2019-2024)
- 9.3 Global EV Coolant Production, Revenue, Price and Gross Margin (2019-2024)
- 9.4 North America EV Coolant Production
 - 9.4.1 North America EV Coolant Production Growth Rate (2019-2024)
 - 9.4.2 North America EV Coolant Production, Revenue, Price and Gross Margin (2019-2024)
- 9.5 Europe EV Coolant Production
 - 9.5.1 Europe EV Coolant Production Growth Rate (2019-2024)
 - 9.5.2 Europe EV Coolant Production, Revenue, Price and Gross Margin (2019-2024)
- 9.6 Japan EV Coolant Production (2019-2024)
 - 9.6.1 Japan EV Coolant Production Growth Rate (2019-2024)
 - 9.6.2 Japan EV Coolant Production, Revenue, Price and Gross Margin (2019-2024)
- 9.7 China EV Coolant Production (2019-2024)
 - 9.7.1 China EV Coolant Production Growth Rate (2019-2024)
 - 9.7.2 China EV Coolant Production, Revenue, Price and Gross Margin (2019-2024)

10 KEY COMPANIES PROFILE

- 10.1 Prestone
 - 10.1.1 Prestone EV Coolant Basic Information
 - 10.1.2 Prestone EV Coolant Product Overview
 - 10.1.3 Prestone EV Coolant Product Market Performance
 - 10.1.4 Prestone Business Overview
 - 10.1.5 Prestone EV Coolant SWOT Analysis
 - 10.1.6 Prestone Recent Developments
- 10.2 Artec
 - 10.2.1 Artec EV Coolant Basic Information
 - 10.2.2 Artec EV Coolant Product Overview
 - 10.2.3 Artec EV Coolant Product Market Performance
 - 10.2.4 Artec Business Overview
 - 10.2.5 Artec EV Coolant SWOT Analysis

10.2.6 Arteco Recent Developments

10.3 BASF

10.3.1 BASF EV Coolant Basic Information

10.3.2 BASF EV Coolant Product Overview

10.3.3 BASF EV Coolant Product Market Performance

10.3.4 BASF EV Coolant SWOT Analysis

10.3.5 BASF Business Overview

10.3.6 BASF Recent Developments

10.4 Recochem

10.4.1 Recochem EV Coolant Basic Information

10.4.2 Recochem EV Coolant Product Overview

10.4.3 Recochem EV Coolant Product Market Performance

10.4.4 Recochem Business Overview

10.4.5 Recochem Recent Developments

10.5 TotalEnergies

10.5.1 TotalEnergies EV Coolant Basic Information

10.5.2 TotalEnergies EV Coolant Product Overview

10.5.3 TotalEnergies EV Coolant Product Market Performance

10.5.4 TotalEnergies Business Overview

10.5.5 TotalEnergies Recent Developments

10.6 ExxonMobil

10.6.1 ExxonMobil EV Coolant Basic Information

10.6.2 ExxonMobil EV Coolant Product Overview

10.6.3 ExxonMobil EV Coolant Product Market Performance

10.6.4 ExxonMobil Business Overview

10.6.5 ExxonMobil Recent Developments

10.7 Pentosin

10.7.1 Pentosin EV Coolant Basic Information

10.7.2 Pentosin EV Coolant Product Overview

10.7.3 Pentosin EV Coolant Product Market Performance

10.7.4 Pentosin Business Overview

10.7.5 Pentosin Recent Developments

10.8 Totachi Industrial

10.8.1 Totachi Industrial EV Coolant Basic Information

10.8.2 Totachi Industrial EV Coolant Product Overview

10.8.3 Totachi Industrial EV Coolant Product Market Performance

10.8.4 Totachi Industrial Business Overview

10.8.5 Totachi Industrial Recent Developments

10.9 PEAK Auto

- 10.9.1 PEAK Auto EV Coolant Basic Information
- 10.9.2 PEAK Auto EV Coolant Product Overview
- 10.9.3 PEAK Auto EV Coolant Product Market Performance
- 10.9.4 PEAK Auto Business Overview
- 10.9.5 PEAK Auto Recent Developments
- 10.10 Mobil
 - 10.10.1 Mobil EV Coolant Basic Information
 - 10.10.2 Mobil EV Coolant Product Overview
 - 10.10.3 Mobil EV Coolant Product Market Performance
 - 10.10.4 Mobil Business Overview
 - 10.10.5 Mobil Recent Developments
- 10.11 Shell
 - 10.11.1 Shell EV Coolant Basic Information
 - 10.11.2 Shell EV Coolant Product Overview
 - 10.11.3 Shell EV Coolant Product Market Performance
 - 10.11.4 Shell Business Overview
 - 10.11.5 Shell Recent Developments
- 10.12 Monarch
 - 10.12.1 Monarch EV Coolant Basic Information
 - 10.12.2 Monarch EV Coolant Product Overview
 - 10.12.3 Monarch EV Coolant Product Market Performance
 - 10.12.4 Monarch Business Overview
 - 10.12.5 Monarch Recent Developments
- 10.13 LOPAL
 - 10.13.1 LOPAL EV Coolant Basic Information
 - 10.13.2 LOPAL EV Coolant Product Overview
 - 10.13.3 LOPAL EV Coolant Product Market Performance
 - 10.13.4 LOPAL Business Overview
 - 10.13.5 LOPAL Recent Developments
- 10.14 SINOPEC
 - 10.14.1 SINOPEC EV Coolant Basic Information
 - 10.14.2 SINOPEC EV Coolant Product Overview
 - 10.14.3 SINOPEC EV Coolant Product Market Performance
 - 10.14.4 SINOPEC Business Overview
 - 10.14.5 SINOPEC Recent Developments
- 10.15 Phillips
 - 10.15.1 Phillips 66 EV Coolant Basic Information
 - 10.15.2 Phillips 66 EV Coolant Product Overview
 - 10.15.3 Phillips 66 EV Coolant Product Market Performance

- 10.15.4 Phillips 66 Business Overview
- 10.15.5 Phillips 66 Recent Developments
- 10.16 Valvoline
 - 10.16.1 Valvoline EV Coolant Basic Information
 - 10.16.2 Valvoline EV Coolant Product Overview
 - 10.16.3 Valvoline EV Coolant Product Market Performance
 - 10.16.4 Valvoline Business Overview
 - 10.16.5 Valvoline Recent Developments
- 10.17 EPPCO Lubricants
 - 10.17.1 EPPCO Lubricants EV Coolant Basic Information
 - 10.17.2 EPPCO Lubricants EV Coolant Product Overview
 - 10.17.3 EPPCO Lubricants EV Coolant Product Market Performance
 - 10.17.4 EPPCO Lubricants Business Overview
 - 10.17.5 EPPCO Lubricants Recent Developments
- 10.18 Cummins Filtration
 - 10.18.1 Cummins Filtration EV Coolant Basic Information
 - 10.18.2 Cummins Filtration EV Coolant Product Overview
 - 10.18.3 Cummins Filtration EV Coolant Product Market Performance
 - 10.18.4 Cummins Filtration Business Overview
 - 10.18.5 Cummins Filtration Recent Developments
- 10.19 IACC
 - 10.19.1 IACC EV Coolant Basic Information
 - 10.19.2 IACC EV Coolant Product Overview
 - 10.19.3 IACC EV Coolant Product Market Performance
 - 10.19.4 IACC Business Overview
 - 10.19.5 IACC Recent Developments
- 10.20 PrixMax
 - 10.20.1 PrixMax EV Coolant Basic Information
 - 10.20.2 PrixMax EV Coolant Product Overview
 - 10.20.3 PrixMax EV Coolant Product Market Performance
 - 10.20.4 PrixMax Business Overview
 - 10.20.5 PrixMax Recent Developments

11 EV COOLANT MARKET FORECAST BY REGION

- 11.1 Global EV Coolant Market Size Forecast
- 11.2 Global EV Coolant Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country
 - 11.2.2 Europe EV Coolant Market Size Forecast by Country

- 11.2.3 Asia Pacific EV Coolant Market Size Forecast by Region
- 11.2.4 South America EV Coolant Market Size Forecast by Country
- 11.2.5 Middle East and Africa Forecasted Sales of EV Coolant by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2032)

- 12.1 Global EV Coolant Market Forecast by Type (2025-2032)
 - 12.1.1 Global Forecasted Sales of EV Coolant by Type (2025-2032)
 - 12.1.2 Global EV Coolant Market Size Forecast by Type (2025-2032)
 - 12.1.3 Global Forecasted Price of EV Coolant by Type (2025-2032)
- 12.2 Global EV Coolant Market Forecast by Application (2025-2032)
 - 12.2.1 Global EV Coolant Sales (K Units) Forecast by Application
 - 12.2.2 Global EV Coolant Market Size (M USD) Forecast by Application (2025-2032)

13 CONCLUSION AND KEY FINDINGS

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