

Fluids and Lubricants Market for Electric Vehicles - Global and Regional Analysis: Focus on Product Types and Their Applications, Vehicle Type, Propulsion Type, Distribution Channel, and Countries - Analysis and Forecast, 2019-2029

<https://marketpublishers.com/r/FC2CB95A6617EN.html>

Date: July 2020

Pages: 199

Price: US\$ 6,000.00 (Single User License)

ID: FC2CB95A6617EN

Abstracts

Hard copy option is available on any of the options above at an additional charge of \$500. Please email us at order@marketpublishers.com with your request.

Market Report Coverage - Fluids and Lubricants Market for Electric Vehicles

Market Segmentation

Product Type – Grease, Heat Transfer Fluids, Drive System Fluids, and Brake Fluids

Vehicle Type – Passenger Vehicles, Commercial Vehicles, and Electric Motor Sports

Propulsion Type – BEV, PHEV, and HEV

Distribution Channel – OEMs and Aftermarket

Regional Segmentation

North America – U.S., Canada, and Mexico

Europe – Germany, France, Sweden, and Rest-of-Europe

Asia-Pacific & Japan –Japan, India, South Korea

U.K.

China

Middle East and Africa

South America

Market Growth Drivers

Need for Anti-Corrosion Properties in Electric Vehicle Batteries

Need to Increase the Driving Range of Electric Vehicles

Immersive Cooling for Electric Vehicle Batteries

Thermal Management in Electric Vehicles

Integrated Powertrain Units

Utilization in Formula E-Motor Sports

Market Challenges

Higher Cost of EV Fluids

Changes Required to be Made in the Construction of EV Batteries

Market Opportunities

Increasing Demand for ADAS Standards in Modern Vehicles

Increasing Demand for Convenience and Safety in Vehicles

Growing Trend for Development of Autonomous Vehicles

Key Companies Profiled

ExxonMobil, Total, Shell, Castrol, Valvoline, Lubrizol, Engineered Fluids, M&I Materials, Dober, FUCHS Petrolub SE, Afton Chemicals, 3M, Petronas, Motul, PolySi Technologies Inc., Kluber Lubrication, Panolin International Inc., and Infineum International Limited

Key Questions Answered in this Report:

What are the key drivers and challenges in the fluids market for electric vehicles?

How does the supply chain function in the global fluids market for electric vehicles?

Which EV fluid type segment is expected to witness the maximum demand growth in the global fluids market for electric vehicles during 2019-2029?

Which are the key application areas for which different fluid types experienced high demand during the forecast period, 2019-2029?

Which are the players that are catering to the demand for different EV fluids?

What are the strategies adopted by market players involved in the global fluids market for electric vehicles?

What are the key offerings of the prominent companies in the market for fluids for electric vehicles?

Which regions and countries are leading in terms of consumption of global fluids market for electric vehicles, and which of them are expected to witness high demand growth from 2019 to 2029?

What are the new application areas for EV fluids?

What are the key attributes of consumers in various regions for EV fluids?

How is the market landscape for fluid manufacturers expected to be formed for electric vehicles?

Market Overview

The global fluids market for electric vehicles is mainly segmented on the basis of product type, vehicle type, and propulsion type, and distribution channel type. This research also analyzes the adoption of electric vehicle fluids market in different regions and countries. The prominent types of fluids which are being adopted for enhanced application in electric vehicles are greases, heat transfer fluids, driver system fluids, and brake fluids. The application of these types of fluids is in various components such as e-motors, battery systems, bearings, constant velocity joints, power electronics, gears, and the braking system of electric vehicles.

The growth in the global fluids market for electric vehicles is attributable to the rising demand for efficient and durable fluids for electric vehicles. Generally, various components of an electric vehicle generate a lot of heat during the operation of the vehicle, such as the battery system and the e-motors. This has further led to the need for better thermal management in these vehicles. The new EV fluids have added additives and dielectric properties which makes them suitable for application in electric vehicle components.

The major factor hindering the market growth are certain technical challenges, such as higher cost and the viability of developing immersion cooling battery systems.

The global fluids market for electric vehicles accounted for \$850.9 million in 2018 and is expected to reach \$5.74 billion by 2029. The market is anticipated to grow at a CAGR of 18.66% during the forecast period 2019 to 2029. The increasing application areas for new fluids in an electric vehicle have led to the surging demand for various types of coolants and lubricants. Automotive OEMs have partnered with various fluid providers for sourcing fluids for their electric vehicles to improve the driving experience, which in turn, can increase the electric vehicle sales, which is expected to drive the market growth during the forecast period.

Competitive Landscape

The competitive landscape of the fluids market for electric vehicles consists of different strategies undertaken by major players across the oil & gas and lubrication industry to gain market presence. Some of the strategies adopted by electric vehicle fluids manufacturers are new product launches, business expansions, and partnerships, and collaborations. Among all the strategies adopted, new product launches are the leading choice of strategy implemented in the competitive landscape. ExxonMobil, Total, Shell, Castrol, Valvoline, and Lubrizol are some of the leading players in the global fluids market for electric vehicles. Engineered Fluids, M&I Materials, and Dober are some of the emerging private companies which have remained in the limelight since last few years in the field of fluids market for electric vehicles.

Contents

Executive Summary

1 MARKETS

1.1 Industry Outlook

- 1.1.1 Trends: Current & Future
- 1.1.2 Supply Chain Network / MAP
- 1.1.3 Industry Attractiveness
 - 1.1.3.1 Threat of New Entrants (Low-Moderate)
 - 1.1.3.2 Bargaining Power of Buyers (Moderate)
 - 1.1.3.3 Bargaining Power of Suppliers (High)
 - 1.1.3.4 Threat of Substitutes (Low)
 - 1.1.3.5 Intensity of Competitive Rivalry (Moderate-High)
- 1.1.4 Supply & Demand Analysis
- 1.1.5 Profit Margin Analysis
- 1.1.6 Additives for Fluids in Electric Vehicle Batteries
- 1.1.7 Ecosystem / Ongoing Programs
 - 1.1.7.1 Consortiums, Associations, and Regulatory Bodies
 - 1.1.7.2 Government Programs and Initiatives
 - 1.1.7.3 Programs by Research Institutions and Universities

1.2 Business Dynamics

- 1.2.1 Business Drivers
 - 1.2.1.1 Need for Anti-Corrosion Properties in Electric Vehicle Batteries
 - 1.2.1.2 Need to Increase the Driving Range of Electric Vehicles
 - 1.2.1.3 Immersive Cooling for Electric Vehicle Batteries
 - 1.2.1.4 Thermal Management in Electric Vehicles
 - 1.2.1.5 Integrated Powertrain Units
 - 1.2.1.6 Utilization in Formula E-Motor Sports
- 1.2.2 Business Challenges
 - 1.2.2.1 Higher Cost of EV Fluids
 - 1.2.2.2 Changes Required to be Made in the Construction of EV Batteries
 - 1.2.2.3 Developing Environment Friendly Fluids
 - 1.2.2.4 Lack of Demand for Generic Fluids
- 1.2.3 Business Strategies
 - 1.2.3.1 Product Developments
 - 1.2.3.2 Market Developments
- 1.2.4 Corporate Strategies

- 1.2.4.1 Mergers & Acquisitions
- 1.2.4.2 Partnerships & Joint Ventures
- 1.2.5 Business Opportunities
 - 1.2.5.1 Coolants for EV Electronics and Charging Port Cables
 - 1.2.5.2 Growing Trend for Development of Autonomous Vehicles

2 APPLICATIONS

2.1 Global Fluids and Lubricants Market for Electric Vehicles - Demand Analysis (By Application)

- 2.1.1 Demand Analysis (by Vehicle Type), Value and Volume Data, 2018-2029
 - 2.1.1.1 Passenger Vehicles
 - 2.1.1.2 Commercial Vehicles
 - 2.1.1.3 Electric Motor Sports
 - 2.1.1.3.1 Formula E as a Platform for Developing EV Technologies
- 2.1.2 Demand Analysis (by Propulsion Type), Value and Volume Data, 2018-2029
 - 2.1.2.1 Battery Electric Vehicles (BEVs)
 - 2.1.2.2 Hybrid Electric Vehicles (HEVs)
 - 2.1.2.3 Plug-In Hybrid Electric Vehicles (PHEVs)

2.2 Comparative Analysis of Fluids and Lubricants Applications in Electric Vehicles

- 2.2.1 Applications for Fluids: IC Engine Vehicle vs. HEV vs. PHEV vs. BEV
- 2.2.2 Emerging New Application Areas Owing to Electric Vehicle Adoption
- 2.2.3 Analyst Viewpoint on Market Cannibalization

3 PRODUCTS

3.1 Global Fluids and Lubricants Market for Electric Vehicles – Products and Specifications

- 3.1.1 Heat Transfer Fluids
- 3.1.2 Drive System Fluids
- 3.1.3 Brake Fluids
- 3.1.4 Grease

3.2 Global Fluids and Lubricants Market for Electric Vehicles - Demand Analysis (By Product)

- 3.2.1 Demand Analysis (by Product Type (by Application)), Value and Volume Data, 2018-2029
 - 3.2.1.1 Grease
 - 3.2.1.1.1 E-motors
 - 3.2.1.1.2 Bearings

- 3.2.1.1.3 Constant Velocity Joints (CV Joints)
- 3.2.1.1.4 Others
- 3.2.1.2 Heat Transfer Fluids
 - 3.2.1.2.1 Batteries
 - 3.2.1.2.2 E-motors
 - 3.2.1.2.3 Power Electronics
 - 3.2.1.2.4 Others
- 3.2.1.3 Drive System Fluids
 - 3.2.1.3.1 Gears
 - 3.2.1.3.2 E-motors
 - 3.2.1.3.3 Others
- 3.2.1.4 Brake Fluids
- 3.2.2 Demand Analysis (by Distribution Channel), Value and Volume Data, 2018-2029
 - 3.2.2.1 OEMs
 - 3.2.2.2 Aftermarket
- 3.3 Product Benchmarking: Growth Rate – Market Share Matrix
 - 3.3.1 Opportunity Matrix, by Region
 - 3.3.2 Opportunity Matrix, by Product Type
- 3.4 Patent Analysis
- 3.5 Global Pricing Analysis
- 3.6 Technology Roadmap

4 REGIONS

- 4.1 North America
 - 4.1.1 Markets
 - 4.1.1.1 Key Manufacturers and Suppliers in North America
 - 4.1.1.2 Competitive Benchmarking
 - 4.1.1.3 Business Challenges
 - 4.1.1.4 Business Drivers
 - 4.1.2 Applications
 - 4.1.2.1 North America Fluids and Lubricants Demand for Electric Vehicles (by Vehicle Type), Value and Volume Data
 - 4.1.2.2 North America Fluids and Lubricants Demand for Electric Vehicles (by Propulsion Type), Value and Volume Data
 - 4.1.3 Products
 - 4.1.3.1 North America Fluids and Lubricants Demand for Electric Vehicles (by Product Type (by Application)), Value and Volume Data
 - 4.1.3.2 Pricing Analysis

- 4.1.4 North America: Country Level Analysis
 - 4.1.4.1 United States (U.S.)
 - 4.1.4.1.1 Markets
 - 4.1.4.1.1.1 Buyer Attributes
 - 4.1.4.1.1.2 Key Manufacturers and Suppliers in the U.S.
 - 4.1.4.1.1.3 Key Electric Vehicle Regulations and Policies in the U.S.
 - 4.1.4.1.1.4 Competitive Benchmarking
 - 4.1.4.1.1.5 Business Challenges
 - 4.1.4.1.1.6 Business Drivers
 - 4.1.4.1.2 Applications
 - 4.1.4.1.2.1 U.S. Fluids and Lubricants Demand for Electric Vehicles (by Vehicle Type), Value and Volume Data
 - 4.1.4.1.2.2 U.S. Fluids and Lubricants Demand for Electric Vehicles (by Propulsion Type), Value and Volume Data
 - 4.1.4.1.3 Products
 - 4.1.4.1.3.1 U.S. Fluids and Lubricants Demand for Electric Vehicles (by Product Type (by Application)), Value and Volume Data
 - 4.1.4.1.3.2 Pricing Analysis
 - 4.1.4.1.4 Electric Vehicle Production Outlook in the Country
 - 4.1.4.2 Canada
 - 4.1.4.2.1 Markets
 - 4.1.4.2.1.1 Buyer Attributes
 - 4.1.4.2.1.2 Key Manufacturers and Suppliers in Canada
 - 4.1.4.2.1.3 Key Electric Vehicle Regulations and Policies in Canada
 - 4.1.4.2.1.4 Competitive Benchmarking
 - 4.1.4.2.1.5 Business Challenges
 - 4.1.4.2.1.6 Business Drivers
 - 4.1.4.2.2 Applications
 - 4.1.4.2.2.1 Canada Fluids and Lubricants Demand for Electric Vehicles (by Vehicle Type), Value and Volume Data
 - 4.1.4.2.2.2 Canada Fluids and Lubricants Demand for Electric Vehicles (by Propulsion Type), Value and Volume Data
 - 4.1.4.2.3 Products
 - 4.1.4.2.3.1 Canada Fluids and Lubricants Demand for Electric Vehicles (by Product Type (by Application)), Value and Volume Data
 - 4.1.4.2.3.2 Pricing Analysis
 - 4.1.4.2.4 Electric Vehicle Production Outlook in the Country
 - 4.1.4.3 Mexico
 - 4.1.4.3.1 Markets

- 4.1.4.3.1.1 Buyer Attributes
- 4.1.4.3.1.2 Key Manufacturers and Suppliers in Mexico
- 4.1.4.3.1.3 Key Electric Vehicle Regulations and Policies in Mexico
- 4.1.4.3.1.4 Competitive Benchmarking
- 4.1.4.3.1.5 Business Challenges
- 4.1.4.3.1.6 Business Drivers
- 4.1.4.3.2 Applications
 - 4.1.4.3.2.1 Mexico Fluids and Lubricants Demand for Electric Vehicles (by Vehicle Type), Value and Volume Data
 - 4.1.4.3.2.2 Mexico Fluids and Lubricants Demand for Electric Vehicles (by Propulsion Type), Value and Volume Data
- 4.1.4.3.3 Products
 - 4.1.4.3.3.1 Mexico Fluids and Lubricants Demand for Electric Vehicles (by Product Type (by Application)), Value and Volume Data
 - 4.1.4.3.3.2 Pricing Analysis
- 4.1.4.3.4 Electric Vehicle Production Outlook in the Country
- 4.2 South America
 - 4.2.1 Markets
 - 4.2.1.1 Buyer Attributes
 - 4.2.1.2 Key Manufacturers and Suppliers in South America
 - 4.2.1.3 Business Challenges
 - 4.2.1.4 Business Drivers
 - 4.2.2 Applications
 - 4.2.2.1 South America Fluids and Lubricants Demand for Electric Vehicles (by Vehicle Type), Value and Volume Data
 - 4.2.2.2 South America Fluids and Lubricants Demand for Electric Vehicles (by Propulsion Type), Value and Volume Data
 - 4.2.3 Products
 - 4.2.3.1 South America Fluids and Lubricants Demand for Electric Vehicles (by Product Type (by Application)), Value and Volume Data
 - 4.2.3.2 Pricing Analysis
 - 4.2.4 Electric Vehicle Production Outlook in the Region
- 4.3 Europe
 - 4.3.1 Markets
 - 4.3.1.1 Key Manufacturers and Suppliers in Europe
 - 4.3.1.2 Competitive Benchmarking
 - 4.3.1.3 Business Challenges
 - 4.3.1.4 Business Drivers
 - 4.3.2 Applications

4.3.2.1 Europe Fluids and Lubricants Demand for Electric Vehicles (by Vehicle Type), Value and Volume Data

4.3.2.2 Europe Fluids and Lubricants Demand for Electric Vehicles (by Propulsion Type), Value and Volume Data

4.3.3 Products

4.3.3.1 Europe Fluids and Lubricants Demand for Electric Vehicles (by Product Type (by Application)), Value and Volume Data

4.3.3.2 Pricing Analysis

4.3.4 Europe: Country Level Analysis

4.3.4.1 Germany

4.3.4.1.1 Markets

4.3.4.1.1.1 Buyer Attributes

4.3.4.1.1.2 Key Manufacturers and Suppliers in Germany

4.3.4.1.1.3 Key Electric Vehicle Regulations and Policies in Germany

4.3.4.1.1.4 Competitive Benchmarking

4.3.4.1.1.5 Business Challenges

4.3.4.1.1.6 Business Drivers

4.3.4.1.2 Applications

4.3.4.1.2.1 Germany Fluids & Lubricants for Electric Vehicles (by Vehicle Type), Value and Volume Data

4.3.4.1.2.2 Germany Fluids & Lubricants for Electric Vehicles (by Propulsion Type), Value and Volume Data

4.3.4.1.3 Products

4.3.4.1.3.1 Germany Fluids & Lubricants for Electric Vehicles (by Product Type (by Application)), Value and Volume Data

4.3.4.1.3.2 Pricing Analysis

4.3.4.1.4 Electric Vehicle Production Outlook in the Country

4.3.4.2 France

4.3.4.2.1 Markets

4.3.4.2.1.1 Buyer Attributes

4.3.4.2.1.2 Key Manufacturers and Suppliers in France

4.3.4.2.1.3 Key Electric Vehicle Regulations and Policies in France

4.3.4.2.1.4 Competitive Benchmarking

4.3.4.2.1.5 Business Challenges

4.3.4.2.1.6 Business Drivers

4.3.4.2.2 Applications

4.3.4.2.2.1 France Fluids & Lubricants for Electric Vehicles (by Vehicle Type), Value and Volume Data

4.3.4.2.2.2 France Fluids & Lubricants for Electric Vehicles (by Propulsion Type),

Value and Volume Data

4.3.4.2.3 Products

4.3.4.2.3.1 France Fluids & Lubricants for Electric Vehicles (by Product Type (by Application)), Value and Volume Data

4.3.4.2.3.2 Pricing Analysis

4.3.4.2.4 Electric Vehicle Production Outlook in the Country

4.3.4.3 Sweden

4.3.4.3.1 Markets

4.3.4.3.1.1 Buyer Attributes

4.3.4.3.1.2 Key Manufacturers and Suppliers in Sweden

4.3.4.3.1.3 Key Electric Vehicle Regulations and Policies in Sweden

4.3.4.3.1.4 Competitive Benchmarking

4.3.4.3.1.5 Business Challenges

4.3.4.3.1.6 Business Drivers

4.3.4.3.2 Applications

4.3.4.3.2.1 Sweden Fluids & Lubricants for Electric Vehicles (by Vehicle Type), Value and Volume Data

4.3.4.3.2.2 Sweden Fluids & Lubricants for Electric Vehicles (by Propulsion Type), Value and Volume Data

4.3.4.3.3 Products

4.3.4.3.3.1 Sweden Fluids & Lubricants for Electric Vehicles (by Product Type (by Application)), Value and Volume Data

4.3.4.3.3.2 Pricing Analysis

4.3.4.3.4 Electric Vehicle Production Outlook in the Country

4.3.4.4 Rest-of-Europe

4.3.4.4.1 Applications

4.3.4.4.1.1 Rest-of-Europe Fluids and Lubricants Demand for Electric Vehicles (by Vehicle Type), Value and Volume Data

4.3.4.4.1.2 Rest-of-Europe Fluids and Lubricants Demand for Electric Vehicles (by Propulsion Type), Value and Volume Data

4.3.4.4.2 Products

4.3.4.4.2.1 Rest-of-Europe Fluids and Lubricants Demand for Electric Vehicles (by Product Type (by Application)), Value and Volume Data

4.4 United Kingdom (U.K.)

4.4.1 Markets

4.4.1.1 Buyer Attributes

4.4.1.2 Key Manufacturers and Suppliers in the U.K.

4.4.1.3 Key Electric Vehicle Regulations and Policies in the U.K.

4.4.1.4 Competitive Benchmarking

- 4.4.1.5 Business Challenges
- 4.4.1.6 Business Drivers
- 4.4.2 Applications
 - 4.4.2.1 U.K. Fluids and Lubricants Demand for Electric Vehicles (by Vehicle Type), Value and Volume Data
 - 4.4.2.2 U.K. Fluids and Lubricants Demand for Electric Vehicles (by Propulsion Type), Value and Volume Data
- 4.4.3 Products
 - 4.4.3.1 U.K. Fluids and Lubricants Demand for Electric Vehicles (by Product Type (by Application)), Value and Volume Data
 - 4.4.3.2 Pricing Analysis
- 4.4.4 Electric Vehicle Production Outlook in the Region
- 4.5 Middle East and Africa
 - 4.5.1 Markets
 - 4.5.1.1 Buyer Attributes
 - 4.5.1.2 Key Manufacturers and Suppliers in Middle East and Africa
 - 4.5.2 Applications
 - 4.5.2.1 Middle East and Africa Fluids and Lubricants Demand for Electric Vehicles (by Vehicle Type), Value and Volume Data
 - 4.5.2.2 Middle East and Africa Fluids and Lubricants Demand for Electric Vehicles (by Propulsion Type), Value and Volume Data
 - 4.5.3 Products
 - 4.5.3.1 Middle East and Africa Fluids and Lubricants Demand for Electric Vehicles (by Product Type (by Application)), Value and Volume Data
 - 4.5.3.2 Pricing Analysis
 - 4.5.4 Electric Vehicle Production Outlook in the Region
- 4.6 China
 - 4.6.1 Markets
 - 4.6.1.1 Buyer Attributes
 - 4.6.1.2 Key Manufacturers and Suppliers in China
 - 4.6.1.3 Key Electric Vehicle Regulations and Policies in China
 - 4.6.1.4 Competitive Benchmarking
 - 4.6.1.5 Business Challenges
 - 4.6.1.6 Business Drivers
 - 4.6.2 Applications
 - 4.6.2.1 China Fluids and Lubricants Demand for Electric Vehicles (by Vehicle Type), Value and Volume Data
 - 4.6.2.2 China Fluids and Lubricants Demand for Electric Vehicles (by Propulsion Type), Value and Volume Data

4.6.3 Products

4.6.3.1 China Fluids and Lubricants Demand for Electric Vehicles (by Product Type (by Application)), Value and Volume Data

4.6.3.2 Pricing Analysis

4.6.4 Electric Vehicle Production Outlook in the Region

4.7 Asia-Pacific & Japan

4.7.1 Markets

4.7.1.1 Key Manufacturers and Suppliers in Asia-Pacific & Japan

4.7.1.2 Competitive Benchmarking

4.7.1.3 Business Challenges

4.7.1.4 Business Drivers

4.7.2 Applications

4.7.2.1 Asia-Pacific & Japan Fluids and Lubricants Demand for Electric Vehicles (by Vehicle Type), Value and Volume Data

4.7.2.2 Asia-Pacific & Japan Fluids and Lubricants Demand for Electric Vehicles (by Propulsion Type), Value and Volume Data

4.7.3 Products

4.7.3.1 Asia-Pacific & Japan Fluids and Lubricants Demand for Electric Vehicles (by Product Type (by Application)), Value and Volume Data

4.7.3.2 Pricing Analysis

4.7.4 Asia-Pacific & Japan: Country Level Analysis

4.7.4.1 Japan

4.7.4.1.1 Markets

4.7.4.1.1.1 Buyer Attributes

4.7.4.1.1.2 Key Manufacturers and Suppliers in Japan

4.7.4.1.1.3 Key Electric Vehicle Regulations and Policies in Japan

4.7.4.1.1.4 Competitive Benchmarking

4.7.4.1.1.5 Business Challenges

4.7.4.1.1.6 Business Drivers

4.7.4.1.2 Applications

4.7.4.1.2.1 Japan Fluids & Lubricants for Electric Vehicles (by Vehicle Type), Value and Volume Data

4.7.4.1.2.2 Japan Fluids & Lubricants for Electric Vehicles (by Propulsion Type), Value and Volume Data

4.7.4.1.3 Products

4.7.4.1.3.1 Japan Fluids & Lubricants for Electric Vehicles (by Product Type (by Application)), Value and Volume Data

4.7.4.1.3.2 Pricing Analysis

4.7.4.1.4 Electric Vehicle Production Outlook in the Country

4.7.4.2 South Korea

4.7.4.2.1 Markets

4.7.4.2.1.1 Buyer Attributes

4.7.4.2.1.2 Key Manufacturers and Suppliers in South Korea

4.7.4.2.1.3 Key Electric Vehicle Regulations and Policies in South Korea

4.7.4.2.1.4 Competitive Benchmarking

4.7.4.2.1.5 Business Challenges

4.7.4.2.1.6 Business Drivers

4.7.4.2.2 Applications

4.7.4.2.2.1 South Korea Fluids & Lubricants for Electric Vehicles (by Vehicle Type), Value and Volume Data

4.7.4.2.2.2 South Korea Fluids & Lubricants for Electric Vehicles (by Propulsion Type), Value and Volume Data

4.7.4.2.3 Products

4.7.4.2.3.1 South Korea Fluids & Lubricants for Electric Vehicles (by Product Type (by Application)), Value and Volume Data

4.7.4.2.3.2 Pricing Analysis

4.7.4.2.4 Electric Vehicle Production Outlook in the Country

4.7.4.3 India

4.7.4.3.1 Markets

4.7.4.3.1.1 Buyer Attributes

4.7.4.3.1.2 Key Manufacturers and Suppliers in India

4.7.4.3.1.3 Key Electric Vehicle Regulations and Policies in India

4.7.4.3.1.4 Competitive Benchmarking

4.7.4.3.1.5 Business Challenges

4.7.4.3.1.6 Business Drivers

4.7.4.3.2 Applications

4.7.4.3.2.1 India Fluids & Lubricants for Electric Vehicles (by Vehicle Type), Value and Volume Data

4.7.4.3.2.2 India Fluids & Lubricants for Electric Vehicles (by Propulsion Type), Value and Volume Data

4.7.4.3.3 Products

4.7.4.3.3.1 India Fluids & Lubricants for Electric Vehicles (by Product Type (by Application)), Value and Volume Data

4.7.4.3.3.2 Pricing Analysis

4.7.4.3.4 Electric Vehicle Production Outlook in the Country

4.7.4.4 Rest-of-Asia-Pacific

4.7.4.4.1 Applications

4.7.4.4.1.1 Rest-of-Asia-Pacific Fluids and Lubricants Demand for Electric Vehicles

(by Vehicle Type), Value and Volume Data

4.7.4.4.1.2 Rest-of-Asia-Pacific Fluids and Lubricants Demand for Electric Vehicles

(by Propulsion Type), Value and Volume Data

4.7.4.4.2 Products

4.7.4.4.2.1 Rest-of-Asia-Pacific Fluids and Lubricants Demand for Electric Vehicles

(by Product Type (by Application)), Value and Volume Data

5 MARKETS – COMPETITIVE BENCHMARKING & COMPANY PROFILES

5.1 Competitive Benchmarking

5.2 Company Profiles

5.2.1 Type 1 Companies (By Product Offerings): Point Solution Providers

5.2.1.1 3M

5.2.1.1.1 Company Overview

5.2.1.1.1.1 Product Portfolio

5.2.1.1.1.2 Production Sites and R&D Analysis

5.2.1.1.2 Corporate Strategies

5.2.1.1.2.1 Partnerships, Joint Ventures, Collaborations & Alliances

5.2.1.1.3 Competitive Position

5.2.1.1.3.1 Competitive Benchmarking of 3M

5.2.1.1.3.1.1 Analyst Recommendation for 3M

5.2.1.2 Afton Chemicals

5.2.1.2.1 Company Overview

5.2.1.2.1.1 Product Portfolio

5.2.1.2.1.2 Production Sites and R&D Analysis

5.2.1.2.2 Business Strategies

5.2.1.2.2.1 Market Developments

5.2.1.2.3 Corporate Strategies

5.2.1.2.3.1 Partnerships, Joint Ventures, Collaborations & Alliances

5.2.1.2.4 Competitive Position

5.2.1.2.4.1 Competitive Benchmarking of Afton Chemicals

5.2.1.2.4.1.1 Analyst Recommendation for Afton Chemicals

5.2.1.3 Engineered Fluids

5.2.1.3.1 Company Overview

5.2.1.3.1.1 Product Portfolio

5.2.1.3.1.2 Production Sites and R&D Analysis

5.2.1.3.2 Corporate Strategies

5.2.1.3.2.1 Mergers & Acquisitions

5.2.1.3.3 Competitive Position

- 5.2.1.3.3.1 Competitive Benchmarking of Engineered Fluids
 - 5.2.1.3.3.1.1 Analyst Recommendation for Engineered Fluids
- 5.2.1.4 Dober
 - 5.2.1.4.1 Company Overview
 - 5.2.1.4.1.1 Product Portfolio
 - 5.2.1.4.1.2 Production Sites and R&D Analysis
 - 5.2.1.4.2 Competitive Position
 - 5.2.1.4.2.1 Competitive Benchmarking of Dober
 - 5.2.1.4.2.1.1 Analyst Recommendation for Dober
- 5.2.1.5 FUCHS
 - 5.2.1.5.1 Company Overview
 - 5.2.1.5.1.1 Product Portfolio
 - 5.2.1.5.1.2 Production Sites and R&D Analysis
 - 5.2.1.5.2 Business Strategies
 - 5.2.1.5.2.1 Product Developments
 - 5.2.1.5.3 Corporate Strategies
 - 5.2.1.5.3.1 Partnerships, Joint Ventures, Collaborations & Alliances
 - 5.2.1.5.4 Competitive Position
 - 5.2.1.5.4.1 Competitive Benchmarking of FUCHS
 - 5.2.1.5.4.1.1 Analyst Recommendation for FUCHS
- 5.2.1.6 Infineum International Limited
 - 5.2.1.6.1 Company Overview
 - 5.2.1.6.1.1 Product Portfolio
 - 5.2.1.6.1.2 Production Sites and R&D Analysis
 - 5.2.1.6.2 Competitive Position
 - 5.2.1.6.2.1 Competitive Benchmarking of Infineum International Limited
 - 5.2.1.6.2.1.1 Analyst Recommendation for Infineum International Limited
- 5.2.1.7 Kluber Lubrication
 - 5.2.1.7.1 Company Overview
 - 5.2.1.7.1.1 Product Portfolio
 - 5.2.1.7.1.2 Production Sites and R&D Analysis
 - 5.2.1.7.2 Business Strategies
 - 5.2.1.7.2.1 Product Developments
 - 5.2.1.7.2.2 Market Developments
 - 5.2.1.7.3 Competitive Position
 - 5.2.1.7.3.1 Competitive Benchmarking of Kluber Lubrication
 - 5.2.1.7.3.1.1 Analyst Recommendation for Kluber Lubrication
- 5.2.1.8 M&I Materials Limited
 - 5.2.1.8.1 Company Overview

- 5.2.1.8.1.1 Product Portfolio
- 5.2.1.8.1.2 Production Sites and R&D Analysis
- 5.2.1.8.2 Business Strategies
 - 5.2.1.8.2.1 Product Developments
 - 5.2.1.8.2.2 Market Developments
- 5.2.1.8.3 Corporate Strategies
 - 5.2.1.8.3.1 Partnerships, Joint Ventures, Collaborations & Alliances
- 5.2.1.8.4 Competitive Position
 - 5.2.1.8.4.1 Competitive Benchmarking of M&I Materials Ltd.
 - 5.2.1.8.4.1.1 Analyst Recommendation for M&I Materials Ltd.
- 5.2.1.9 Motul
 - 5.2.1.9.1 Company Overview
 - 5.2.1.9.1.1 Product Portfolio
 - 5.2.1.9.1.2 Production Sites and R&D Analysis
 - 5.2.1.9.2 Business Strategies
 - 5.2.1.9.2.1 Product Developments
 - 5.2.1.9.3 Corporate Strategies
 - 5.2.1.9.3.1 Partnerships, Joint Ventures, Collaborations & Alliances
 - 5.2.1.9.4 Competitive Position
 - 5.2.1.9.4.1 Competitive Benchmarking of Motul
 - 5.2.1.9.4.1.1 Analyst Recommendation for Motul
- 5.2.1.10 PANOLIN International Inc.
 - 5.2.1.10.1 Company Overview
 - 5.2.1.10.1.1 Product Portfolio
 - 5.2.1.10.1.2 Production Sites and R&D Analysis
 - 5.2.1.10.2 Corporate Strategies
 - 5.2.1.10.2.1 Partnerships, Joint Ventures, Collaborations & Alliances
 - 5.2.1.10.3 Competitive Position
 - 5.2.1.10.3.1 Competitive Benchmarking of Panolin
 - 5.2.1.10.3.1.1 Analyst Recommendation for Panolin
- 5.2.2 Type 2 Companies (By Product Offerings): Multiple Solution Providers
 - 5.2.2.1 Castrol
 - 5.2.2.1.1 Company Overview
 - 5.2.2.1.1.1 Product Portfolio
 - 5.2.2.1.1.2 Production Sites and R&D Analysis
 - 5.2.2.1.2 Business Strategies
 - 5.2.2.1.2.1 Product Developments
 - 5.2.2.1.2.2 Market Developments
 - 5.2.2.1.3 Corporate Strategies

- 5.2.2.1.3.1 Partnerships, Joint Ventures, Collaborations & Alliances
- 5.2.2.1.4 Competitive Position
 - 5.2.2.1.4.1 Competitive Benchmarking of Castrol
 - 5.2.2.1.4.1.1 Analyst Recommendation for Castrol
- 5.2.2.2 Electrolube
 - 5.2.2.2.1 Company Overview
 - 5.2.2.2.1.1 Product Portfolio
 - 5.2.2.2.1.2 Production Sites and R&D Analysis
 - 5.2.2.2.2 Business Strategies
 - 5.2.2.2.2.1 Product Developments
 - 5.2.2.2.2.2 Market Developments
 - 5.2.2.2.3 Competitive Position
 - 5.2.2.2.3.1 Competitive Benchmarking of Electrolube
 - 5.2.2.2.3.1.1 Analyst Recommendation for Electrolube
- 5.2.2.3 Exxon Mobil Corporation
 - 5.2.2.3.1 Company Overview
 - 5.2.2.3.1.1 Product Portfolio
 - 5.2.2.3.1.2 Production Sites and R&D Analysis
 - 5.2.2.3.2 Business Strategies
 - 5.2.2.3.2.1 Product Developments
 - 5.2.2.3.2.2 Market Developments
 - 5.2.2.3.3 Corporate Strategies
 - 5.2.2.3.3.1 Partnerships, Joint Ventures, Collaborations & Alliances
 - 5.2.2.3.4 Competitive Position
 - 5.2.2.3.4.1 Competitive Benchmarking of ExxonMobil Corporation
 - 5.2.2.3.4.1.1 Analyst Recommendation for ExxonMobil Corporation
- 5.2.2.4 Lubrizol
 - 5.2.2.4.1 Company Overview
 - 5.2.2.4.1.1 Product Portfolio
 - 5.2.2.4.1.2 Production Sites and R&D Analysis
 - 5.2.2.4.2 Corporate Strategies
 - 5.2.2.4.2.1 Partnerships, Joint Ventures, Collaborations & Alliances
 - 5.2.2.4.3 Competitive Position
 - 5.2.2.4.3.1 Competitive Benchmarking of Lubrizol Corporation
 - 5.2.2.4.3.1.1 Analyst Recommendation for Lubrizol Corporation
- 5.2.2.5 Petronas
 - 5.2.2.5.1 Company Overview
 - 5.2.2.5.1.1 Product Portfolio
 - 5.2.2.5.1.2 Production Sites and R&D Analysis

- 5.2.2.5.2 Business Strategies
 - 5.2.2.5.2.1 Product Developments
 - 5.2.2.5.2.2 Market Developments
- 5.2.2.5.3 Corporate Strategies
 - 5.2.2.5.3.1 Partnerships, Joint Ventures, Collaborations & Alliances
- 5.2.2.5.4 Competitive Position
 - 5.2.2.5.4.1 Competitive Benchmarking of Petronas
 - 5.2.2.5.4.1.1 Analyst Recommendation for Petronas
- 5.2.2.6 PolySi Technologies Inc.
 - 5.2.2.6.1 Company Overview
 - 5.2.2.6.1.1 Product Portfolio
 - 5.2.2.6.1.2 Production Sites
 - 5.2.2.6.2 Corporate Strategies
 - 5.2.2.6.2.1 Mergers & Acquisitions
 - 5.2.2.6.3 Competitive Position
 - 5.2.2.6.3.1 Competitive Benchmarking of PolySi Technologies Inc.
 - 5.2.2.6.3.1.1 Analyst Recommendation for PolySi Technologies Inc.
- 5.2.2.7 Royal Dutch Shell
 - 5.2.2.7.1 Company Overview
 - 5.2.2.7.1.1 Product Portfolio
 - 5.2.2.7.1.2 Production Sites and R&D Analysis
 - 5.2.2.7.2 Business Strategies
 - 5.2.2.7.2.1 Product Developments
 - 5.2.2.7.3 Corporate Strategies
 - 5.2.2.7.3.1 Partnerships, Joint Ventures, Collaborations & Alliances
 - 5.2.2.7.4 Competitive Position
 - 5.2.2.7.4.1 Competitive Benchmarking of Royal Dutch Shell PLC
 - 5.2.2.7.4.1.1 Analyst Recommendation for Royal Dutch Shell PLC
- 5.2.2.8 Total Lubricants
 - 5.2.2.8.1 Company Overview
 - 5.2.2.8.1.1 Product Portfolio
 - 5.2.2.8.1.2 Production Sites and R&D Analysis
 - 5.2.2.8.2 Business Strategies
 - 5.2.2.8.2.1 Product Developments
 - 5.2.2.8.3 Corporate Strategies
 - 5.2.2.8.3.1 Partnerships, Joint Ventures, Collaborations & Alliances
 - 5.2.2.8.4 Competitive Position
 - 5.2.2.8.4.1 Competitive Benchmarking of Total Lubricants
 - 5.2.2.8.4.1.1 Analyst Recommendation for Total Lubricants

5.2.2.9 Valvoline Inc.

5.2.2.9.1 Company Overview

5.2.2.9.1.1 Product Portfolio

5.2.2.9.1.2 Production Sites and R&D Analysis

5.2.2.9.2 Business Strategies

5.2.2.9.2.1 Product Developments

5.2.2.9.3 Corporate Strategies

5.2.2.9.3.1 Partnerships, Joint Ventures, Collaborations & Alliances

5.2.2.9.4 Competitive Position

5.2.2.9.4.1 Competitive Benchmarking of Valvoline

5.2.2.9.4.1.1 Analyst Recommendation for Valvoline

5.2.3 Other Key Companies

6 RESEARCH METHODOLOGY

6.1 Data Sources

6.1.1 Primary Data Sources

6.1.2 Secondary Data Sources

6.2 Data Triangulation

6.3 Market Estimation & Forecast

6.3.1 Factors for Data Prediction and Modelling

List Of Tables

LIST OF TABLES

- Table 1: Global Fluids and Lubricants Market for Electric Vehicles Overview
- Table 2: Key Factors Determining “Threat from New Entrants” in Fluids and Lubricants Market for Electric Vehicles
- Table 3: Key Factors Determining “Bargaining Power of Buyers” in the Fluids and Lubricants Market for Electric Vehicles
- Table 4: Key Factors Determining “Bargaining Power of Suppliers” in the Fluids and Lubricants Market for Electric Vehicles
- Table 5: Key Factors Determining “Intensity of Competitive Rivalry” in the Fluids and Lubricants Market for Electric Vehicles
- Table 6: Government Initiatives for Electric Vehicles
- Table 7: Programs by Research Institutions and Universities
- Table 8: Impact of Business Drivers
- Table 9: Effect of Thermal Conditions on EV Batteries
- Table 10: Impact of Business Challenges
- Table 11: Impact of Business Opportunities
- Table 12: Global Fluid and Lubricants Market for Electric Vehicles (by Vehicle Type), Thousand Liters, 2018-2029
- Table 13: Global Fluid and Lubricants Market for Electric Vehicles (by Vehicle Type), \$Million, 2018-2029
- Table 14: Global Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), Thousand Liters, 2018-2029
- Table 15: Global Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), \$Million, 2018-2029
- Table 16: Grease Products for Electric Vehicles
- Table 17: Global Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), Thousand Liters, 2018-2029
- Table 18: Global Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), \$Million, 2018-2029
- Table 19: Global Fluids and Lubricants Market for Electric Vehicles (by Distribution Channel), Thousand Liters, 2018-2029
- Table 20: Global Fluids and Lubricants Market for Electric Vehicles (by Distribution Channel), \$Million, 2018-2029
- Table 21: Global Fluids and Lubricants Market for Electric Vehicles (by Region), Thousand Liters, 2018-2029
- Table 22: Global Fluids and Lubricants Market for Electric Vehicles (by Region),

\$Thousand, 2018-2029

Table 23: North America Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), Thousand Liters, 2018-2029

Table 24: North America Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), \$Thousand, 2018-2029

Table 25: North America Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), Thousand Liters, 2018-2029

Table 26: North America Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), \$Thousand, 2018-2029

Table 27: North America Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), Thousand Liters, 2018-2029

Table 28: North America Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), \$Million, 2018-2029

Table 29: Table: Key EV Regulations and Policies in the U.S.

Table 30: U.S. Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), Thousand Liters, 2018-2029

Table 31: U.S. Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), \$Million, 2018-2029

Table 32: U.S. Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), Thousand Liters, 2018-2029

Table 33: U.S. Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), \$Million, 2018-2029

Table 34: U.S. Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), Thousand Liters, 2018-2029

Table 35: U.S. Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), \$Million, 2018-2029

Table 36: Table: Key EV Regulations and Policies in Canada

Table 37: Canada Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), Thousand Liters, 2018-2029

Table 38: Canada Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), \$Thousand, 2018-2029

Table 39: Canada Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), Thousand Liters, 2018-2029

Table 40: Canada Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), \$Thousand, 2018-2029

Table 41: Canada Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), Thousand Liters, 2018-2029

Table 42: Canada Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), \$Thousand, 2018-2029

Table 43: Table: Key EV Regulations and Policies in Mexico

Table 44: Mexico Fluids Market for Electric Vehicles (by Vehicle Type), Thousand Liters, 2018-2029

Table 45: Mexico Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), \$Thousand, 2018-2029

Table 46: Mexico Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), Thousand Liters, 2018-2029

Table 47: Mexico Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), \$Thousand, 2018-2029

Table 48: Mexico Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), Thousand Liters, 2018-2029

Table 49: Mexico Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), \$Thousand, 2018-2029

Table 50: South America Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), Thousand Liters, 2018-2029

Table 51: South America Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), \$Thousand, 2018-2029

Table 52: South America Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), Thousand Liters, 2018-2029

Table 53: South America Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), \$Thousand, 2018-2029

Table 54: South America Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), Thousand Liters, 2018-2029

Table 55: South America Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), \$Thousand, 2018-2029

Table 56: Europe Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), Thousand Liters, 2018-2029

Table 57: Europe Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), \$Million, 2018-2029

Table 58: Europe Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), Thousand Liters, 2018-2029

Table 59: Europe Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), \$Million, 2018-2029

Table 60: Europe Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), Thousand Liters, 2018-2029

Table 61: Europe Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), \$Million, 2018-2029

Table 62: Table: Key EV Regulations and Policies in Germany

Table 63: Germany Fluids and Lubricants Market for Electric Vehicles (by Vehicle

Type), Thousand Liters, 2018-2029

Table 64: Germany Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), \$Million, 2018-2029

Table 65: Germany Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), Thousand Liters, 2018-2029

Table 66: Germany Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), \$Million, 2018-2029

Table 67: Germany Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), Thousand Liters, 2018-2029

Table 68: Germany Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), \$Million, 2018-2029

Table 69: Table: Key EV Regulations and Policies in France

Table 70: France Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), Thousand Liters, 2018-2029

Table 71: France Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), \$Thousand, 2018-2029

Table 72: France Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), Thousand Liters, 2018-2029

Table 73: France Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), \$Thousand, 2018-2029

Table 74: France Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), Thousand Liters, 2018-2029

Table 75: France Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), \$Thousand, 2018-2029

Table 76: Table: Key EV Regulations and Policies in Sweden

Table 77: Sweden Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), Thousand Liters, 2018-2029

Table 78: Sweden Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), \$Thousand, 2018-2029

Table 79: Sweden Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), Thousand Liters, 2018-2029

Table 80: Sweden Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), \$Thousand, 2018-2029

Table 81: Sweden Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), Thousand Liters, 2018-2029

Table 82: Sweden Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), \$Thousand, 2018-2029

Table 83: Rest-of-Europe Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), Thousand Liters, 2018-2029

Table 84: Rest-of-Europe Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), \$Thousand, 2018-2029

Table 85: Rest-of-Europe Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), Thousand Liters, 2018-2029

Table 86: Rest-of-Europe Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), \$Thousand, 2018-2029

Table 87: Rest-of-Europe Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), Thousand Liters, 2018-2029

Table 88: Rest-of-Europe Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), \$Thousand, 2018-2029

Table 89: Table: Key EV Regulations and Policies in the U.K.

Table 90: U.K. Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), Thousand Liters, 2018-2029

Table 91: U.K. Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), \$Thousand, 2018-2029

Table 92: U.K. Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), Thousand Liters, 2018-2029

Table 93: U.K. Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), \$Thousand, 2018-2029

Table 94: U.K. Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), Thousand Liters, 2018-2029

Table 95: U.K. Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), \$Thousand, 2018-2029

Table 96: Middle East and Africa Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), Thousand Liters, 2018-2029

Table 97: Middle East and Africa Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), \$Thousand, 2018-2029

Table 98: Middle East and Africa Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), Thousand Liters, 2018-2029

Table 99: Middle East and Africa Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), \$Thousand, 2018-2029

Table 100: Middle East and Africa Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), Liters, 2018-2029

Table 101: Middle East and Africa Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), \$, 2018-2029

Table 102: Table: Key EV Regulations and Policies in China

Table 103: China Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), Thousand Liters, 2018-2029

Table 104: China Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type),

\$Thousand, 2018-2029

Table 105: China Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), Thousand Liters, 2018-2029

Table 106: China Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), \$Thousand, 2018-2029

Table 107: China Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), Thousand Liters, 2018-2029

Table 108: China Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), \$Million, 2018-2029

Table 109: Asia-Pacific Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), Thousand Liters, 2018-2029

Table 110: Asia-Pacific Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), \$Million, 2018-2029

Table 111: Asia-Pacific Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), Thousand Liters, 2018-2029

Table 112: Asia-Pacific Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), \$Million, 2018-2029

Table 113: Asia-Pacific Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), Thousand Liters, 2018-2029

Table 114: Asia-Pacific Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), \$Million, 2018-2029

Table 115: Table: Key EV Regulations and Policies in Japan

Table 116: Japan Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), Thousand Liters, 2018-2029

Table 117: Japan Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), \$Thousand, 2018-2029

Table 118: Japan Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), Thousand Liters, 2018-2029

Table 119: Japan Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), \$Thousand, 2018-2029

Table 120: Japan Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), Thousand Liters, 2018-2029

Table 121: Japan Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), \$Million, 2018-2029

Table 122: Table: Key EV Regulations and Policies in South Korea

Table 123: South Korea Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), Thousand Liters, 2018-2029

Table 124: South Korea Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), \$Thousand, 2018-2029

- Table 125: South Korea Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), Thousand Liters, 2018-2029
- Table 126: South Korea Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), \$Thousand, 2018-2029
- Table 127: South Korea Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), Thousand Liters, 2018-2029
- Table 128: South Korea Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), \$Thousand, 2018-2029
- Table 129: Table: Key EV Regulations and Policies in India
- Table 130: India Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), Thousand Liters, 2018-2029
- Table 131: India Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), \$Thousand, 2018-2029
- Table 132: India Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), Thousand Liters, 2018-2029
- Table 133: India Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), \$Thousand, 2018-2029
- Table 134: India Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), Thousand Liters, 2018-2029
- Table 135: India Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), \$Thousand, 2018-2029
- Table 136: Rest-of-Asia-Pacific Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), Thousand Liters, 2018-2029
- Table 137: Rest-of-Asia-Pacific Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), \$Thousand, 2018-2029
- Table 138: Rest-of-Asia-Pacific Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), Thousand Liters, 2018-2029
- Table 139: Rest-of-Asia-Pacific Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), \$Thousand, 2018-2029
- Table 140: Rest-of-Asia-Pacific Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), Thousand Liters, 2018-2029
- Table 141: Rest-of-Asia-Pacific Fluids and Lubricants Market for Electric Vehicles (by Product Type (by Application)), \$Thousand, 2018-2029

List Of Figures

LIST OF FIGURES

Figure 1: Global Fluids and Lubricants Market for Electric Vehicles Overview, \$Million, 2018-2029

Figure 2: Global Fluids and Lubricants Market for Electric Vehicles (by Product Type), Volume, 2018, 2024, and 2029

Figure 3: Global Fluids and Lubricants Market for Electric Vehicles (by Vehicle Type), Volume, 2018-2029

Figure 4: Global Fluids and Lubricants Market for Electric Vehicles (by Propulsion Type), Volume, 2018-2029

Figure 5: Global Fluids and Lubricants Market for Electric Vehicles (by Distribution Channel Type)

Figure 6: Global Fluids and Lubricants Market for Electric Vehicles (by Region), 2018

Figure 7: Global Fluids and Lubricants Market for Electric Vehicles: Coverage

Figure 8: Industry Insights

Figure 9: Global Fluids and Lubricants Market for Electric Vehicles Supply Chain

Figure 10: Stakeholders in Global Fluids and Lubricants Market for EVs

Figure 11: Porter's Five Forces Analysis

Figure 12: Supply and Demand Analysis

Figure 13: Consortiums, Associations, and Regulatory Bodies for Electric Vehicles

Figure 14: Business Dynamics for the Global Fluids and Lubricants Market for Electric Vehicles

Figure 15: Driving Range of Various Electric Vehicles

Figure 16: Components in Electric Vehicle Batteries

Figure 17: Hybrid Electric Vehicle Fluids

Figure 18: Key Business Strategies

Figure 19: Product Developments (by Company), 2017-2019

Figure 20: Market Developments (by Company), 2017-2019

Figure 21: Key Corporate Strategies

Figure 22: Partnerships & Joint Ventures (by Company), 2017-2019

Figure 23: Coolants in EV Charging Cables

Figure 24: Timeline

Figure 25: Global Fluids and Lubricants Market for Passenger Electric Vehicles, \$Million and Thousand Liters, 2018-2029

Figure 26: Global Fluids and Lubricants Market for Commercial Electric Vehicles, \$Million and Thousand Liters, 2018-2029

Figure 27: Formula E Motorsports

Figure 28: Global Fluids and Lubricants Market for Electric Motor Sports Vehicles, \$Thousand and Thousand Liters, 2018-2029

Figure 29: Formula E Racing

Figure 30: Component Structures for HEVs, PHEV, and BEVs

Figure 31: Global Fluids and Lubricants Market for Battery Electric Vehicles, \$Million and Thousand Liters, 2018-2029

Figure 32: Global Fluids and Lubricants Market for Hybrid Electric Vehicles, \$Million and Thousand Liters, 2018-2029

Figure 33: Global Fluids and Lubricants Market for Plug-In Hybrid Electric Vehicles, \$Million and Thousand Liters, 2018-2029

Figure 34: Various Application Areas of Fluids and Lubricants in an Electric Vehicles

Figure 35: Global Grease Market for Electric Vehicles, \$Million and Thousand Liters, 2018-2029

Figure 36: Constant Velocity Joints in a Vehicle

Figure 37: Global Heat Transfer Fluids Market for Electric Vehicles, \$Million and Thousand Liters, 2018-2029

Figure 38: Power Electronics in a Vehicle

Figure 39: Global Drive System Fluids Market for Electric Vehicles, \$Million and Thousand Liters, 2018-2029

Figure 40: Global Brake Fluids Market for Electric Vehicles, \$Million and Thousand Liters, 2018-2029

Figure 41: Global Fluids and Lubricants OEMs Market for Electric Vehicles, \$Million and Thousand Liters, 2018-2029

Figure 42: Global Fluids and Lubricants Aftermarket for Electric Vehicles, \$Million and Thousand Liters, 2018-2029

Figure 43: Global Fluids and Lubricants Market for Electric Vehicle Opportunity Matrix (by Region), \$Million

Figure 44: Global Fluids and Lubricants Market for Electric Vehicle Opportunity Matrix (by Product Type), \$Million

Figure 45: Innovation Areas (by Patent Application) and Leading Patent Companies (by Fluid Type)

Figure 46: Global Pricing Analysis (by Product Type), USD/Liter

Figure 47: Technology Roadmap for Electric Vehicles

Figure 48: Competitive Benchmarking

Figure 49: Pricing Analysis (by Product Type), USD/Liter

Figure 50: Competitive Benchmarking

Figure 51: Pricing Analysis (by Product Type), USD/Liter

Figure 52: Electric Vehicle Production Scenario in the U.S., Units

Figure 53: Competitive Benchmarking

- Figure 54: Pricing Analysis (by Product Type), USD/Liter
- Figure 55: Electric Vehicle Production Scenario in Canada, Units
- Figure 56: Competitive Benchmarking
- Figure 57: Pricing Analysis (by Product Type), USD/Liter
- Figure 58: Electric Vehicle Production Scenario in Mexico, Units
- Figure 59: Pricing Analysis (by Product Type), USD/Liter
- Figure 60: Electric Vehicle Production Scenario in South America, Units
- Figure 61: Competitive Benchmarking
- Figure 62: Pricing Analysis (by Product Type), USD/Liter
- Figure 63: Competitive Benchmarking
- Figure 64: Pricing Analysis in Germany (by Product Type), USD/Liter
- Figure 65: Electric Vehicle Production Scenario in Germany, Units
- Figure 66: Competitive Benchmarking
- Figure 67: Pricing Analysis in France (by Product Type), USD/Liter
- Figure 68: Electric Vehicle Production Scenario in France, Units
- Figure 69: Competitive Benchmarking
- Figure 70: Pricing Analysis (by Product Type), USD/Liter
- Figure 71: Electric Vehicle Production Scenario in Sweden, Units
- Figure 72: Competitive Benchmarking
- Figure 73: Pricing Analysis (by Product Type), USD/Liter
- Figure 74: Electric Vehicle Production Scenario in the U.K., Units
- Figure 75: Pricing Analysis (by Product Type), USD/Liter
- Figure 76: Electric Vehicle Production Scenario in MEA, Units
- Figure 77: Competitive Benchmarking
- Figure 78: Pricing Analysis (by Product Type), USD/Liter
- Figure 79: Electric Vehicle Production Scenario in China, Units
- Figure 80: Competitive Benchmarking
- Figure 81: Pricing Analysis (by Product Type), USD/Liter
- Figure 82: Competitive Benchmarking
- Figure 83: Pricing Analysis (by Product Type), USD/Liter
- Figure 84: Electric Vehicle Production Scenario in Japan, Units
- Figure 85: Competitive Benchmarking
- Figure 86: Pricing Analysis (by Product Type), USD/Liter
- Figure 87: Electric Vehicle Production Scenario in South Korea, Units
- Figure 88: Competitive Benchmarking
- Figure 89: Pricing Analysis (by Product Type), USD/Liter
- Figure 90: Electric Vehicle Production Scenario in India, Units
- Figure 91: Competitive Benchmarking
- Figure 92: Research and Development Centers for Global Fluids and Lubricants

Manufacturers

Figure 93: Strengths and Weaknesses of 3M in the Global Fluids and Lubricants Market for Electric Vehicles

Figure 94: Competitive Benchmarking of 3M

Figure 95: Strengths and Weaknesses of Afton Chemicals in the Global Fluids and Lubricants Market for Electric Vehicles

Figure 96: Competitive Benchmarking of Afton Chemicals

Figure 97: Strengths and Weaknesses of Engineered Fluids in the Global Fluids and Lubricants Market for Electric Vehicles

Figure 98: Competitive Benchmarking of Engineered Fluids

Figure 99: Strengths and Weaknesses of Dober in the Global Fluids and Lubricants Market for Electric Vehicles

Figure 100: Competitive Benchmarking of Dober

Figure 101: Strengths and Weaknesses of FUCHS in the Global Fluids and Lubricants Market for Electric Vehicles

Figure 102: Competitive Benchmarking of FUCHS

Figure 103: Strengths and Weaknesses of Infineum International Limited in the Global Fluids and Lubricants Market for Electric Vehicles

Figure 104: Competitive Benchmarking of Infineum International Limited

Figure 105: Strengths and Weaknesses of Kluber Lubrication in the Global Fluids and Lubricants Market for Electric Vehicles

Figure 106: Competitive Benchmarking of Kluber Lubrication

Figure 107: Strengths and Weaknesses of M&I Materials Ltd. in the Global Fluids and Lubricants Market for Electric Vehicles

Figure 108: Competitive Benchmarking of M&I Materials Ltd.

Figure 109: Strengths and Weaknesses of Motul in the Global Fluids and Lubricants Market for Electric Vehicles

Figure 110: Competitive Benchmarking of Motul

Figure 111: Strengths and Weaknesses of Panolin in the Global Fluids and Lubricants Market for Electric Vehicles

Figure 112: Competitive Benchmarking of Panolin

Figure 113: Strengths and Weaknesses of Castrol in the Global Fluids and Lubricants Market for Electric Vehicles

Figure 114: Competitive Benchmarking of Castrol

Figure 115: Strengths and Weaknesses of Electrolube in the Global Fluids and Lubricants Market for Electric Vehicles

Figure 116: Competitive Benchmarking of Electrolube

Figure 117: Strengths and Weaknesses of ExxonMobil Corporation in the Global Fluids and Lubricants Market for Electric Vehicles

Figure 118: Competitive Benchmarking of ExxonMobil Corporation

Figure 119: Strengths and Weaknesses of Lubrizol Corporation in the Global Fluids and Lubricants Market for Electric Vehicles

Figure 120: Competitive Benchmarking of Lubrizol Corporation

Figure 121: Strengths and Weaknesses of Petronas in the Global Fluids and Lubricants Market for Electric Vehicles

Figure 122: Competitive Benchmarking of Petronas

Figure 123: Figure: Strengths and Weaknesses of PolySi Technologies Inc. in the Global Fluids and Lubricants Market for Electric Vehicles

Figure 124: Competitive Benchmarking of PolySi Technologies Inc.

Figure 125: Strengths and Weaknesses of Royal Dutch Shell PLC in the Global Fluids and Lubricants Market for Electric Vehicles

Figure 126: Competitive Benchmarking of Royal Dutch Shell PLC

Figure 127: Strengths and Weaknesses of Total Lubricants in the Global Fluids and Lubricants Market for Electric Vehicles

Figure 128: Competitive Benchmarking of Total Lubricants

Figure 129: Strengths and Weaknesses of Valvoline in the Global Fluids and Lubricants Market for Electric Vehicles

Figure 130: Competitive Benchmarking of Valvoline

Figure 131: Other Key Companies in the Global Fluids and Lubricants Market for Electric Vehicles

Figure 132: Data Triangulation

Figure 133: Top-Down and Bottom-Up Approach

Figure 134: Assumptions and Limitations

I would like to order

Product name: Fluids and Lubricants Market for Electric Vehicles - Global and Regional Analysis: Focus on Product Types and Their Applications, Vehicle Type, Propulsion Type, Distribution Channel, and Countries - Analysis and Forecast, 2019-2029

Product link: <https://marketpublishers.com/r/FC2CB95A6617EN.html>

Price: US\$ 6,000.00 (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/FC2CB95A6617EN.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