

Global Immersion Cooling Fluids for EVs Market 2023

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Abstracts

Immersion cooling fluids for electric vehicles (EVs) act as a heat transfer medium, absorbing heat generated by the components and dissipating it to the surrounding environment. Immersion cooling fluids play a crucial role in optimizing the performance and safety of EV battery systems. The global immersion cooling fluids for EVs market is likely to register a CAGR of over 22.7% with an incremental growth of 43.2 million liters during the forecast period 2023-2029. The increasing sales of battery electric vehicles contribute to the growth of the immersion cooling fluids market. As the demand for electric vehicles rises, the need for efficient cooling solutions, such as immersion cooling fluids, also increases.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global immersion cooling fluids for EVs market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

Market Segmentation

Vehicle type: passenger cars, LCV, HCV

Propulsion type: battery electric vehicles, hybrid electric vehicles, plug-in hybrid electric vehicles

Product type: single-phase, two-phase

Chemistry: mineral oils, synthetics esters and oils

Application: EV batteries, EV motor, power electronics

Region: Asia-Pacific, Europe, North America, RoW (Rest of World)

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the vehicle type, propulsion type, product type, chemistry,

application, and region. The global market for immersion cooling fluids for EVs can be segmented by vehicle type: passenger cars, LCV, HCV. Among these, the passenger cars segment was accounted for the largest share of the market in 2022. Immersion cooling fluids for EVs market is further segmented by propulsion type: battery electric vehicles, hybrid electric vehicles, plug-in hybrid electric vehicles. The battery electric vehicles segment is estimated to account for the largest share of the global immersion cooling fluids for EVs market. Based on product type, the immersion cooling fluids for EVs market is segmented into: single-phase, two-phase. The single-phase segment held the largest share of the global immersion cooling fluids for EVs market in 2022 and is anticipated to hold its share during the forecast period. On the basis of chemistry, the immersion cooling fluids for EVs market also can be divided into: mineral oils, synthetics esters and oils. In 2022, the synthetics esters and oils segment made up the largest share of the immersion cooling fluids for EVs market. Immersion cooling fluids for EVs market by application is categorized into: EV batteries, EV motor, power electronics. Among these, the EV batteries segment was accounted for the largest share of the market in 2022. The immersion cooling fluids for EVs market by region can be segmented into: Asia-Pacific, Europe, North America, RoW (Rest of World). Europe is estimated to account for the largest share of the global immersion cooling fluids for EVs market.

Major Companies and Competitive Landscape

The market research report covers the analysis of key stake holders of the global immersion cooling fluids for EVs market. Some of the leading players profiled in the report include 3M Company, Cargill, Incorporated, Castrol Limited, Engineered Fluids, Inc., Fuchs Petrolub SE, Kreisel Electric GmbH & Co KG, LANXESS AG, Lubrizol Corporation, M&I Materials Ltd., MAHLE GmbH, Shell plc, TotalEnergies SE, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

Scope of the Report

To analyze and forecast the market size of the global immersion cooling fluids for EVs market.

To classify and forecast the global immersion cooling fluids for EVs market based on vehicle type, propulsion type, product type, chemistry, application, region.

To identify drivers and challenges for the global immersion cooling fluids for EVs market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global immersion cooling fluids for EVs market.

To identify and analyze the profile of leading players operating in the global immersion cooling fluids for EVs market.

Why Choose This Report

Gain a reliable outlook of the global immersion cooling fluids for EVs market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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