

# Global Fluorinated Liquid for Liquid Cooling Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Fluorinated Liquid for Liquid Cooling market size was valued at US\$ 1024 million in 2024 and is forecast to a readjusted size of USD 1486 million by 2031 with a CAGR of 5.5% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Electronic fluorinated coolant has good chemical inertness and will not cause any corrosion when in contact with electronic components. It is widely used as an electronic testing fluid because no specific cleaning steps are required after use. Due to its excellent thermal conductivity, it is also used as a stable coolant. Compared with air cooling technology, immersion liquid cooling technology has much higher efficiency: the specific heat capacity of the liquid is large, and it can maintain a relatively constant temperature during the heat transfer process; At the same time, liquids can directly take away the heat of IT equipment, with high heat dissipation efficiency, allowing CPU, GPU chips or accessories to operate at high frequencies, which can improve the integration or density of the entire IT equipment. Fluorinated liquid for liquid cooling usually refers to a type of organic compound containing fluorine, in which some or all of the hydrogen atoms in the molecule are replaced by fluorine atoms, forming a unique chemical structure. These compounds generally have good comprehensive heat transfer performance, can achieve no flash point and non flammability, and exhibit strong inertness due to the large C-F bond energy, making them difficult to react with other substances.

This report is a detailed and comprehensive analysis for global Fluorinated Liquid for Liquid Cooling market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Fluorinated Liquid for Liquid Cooling market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Fluorinated Liquid for Liquid Cooling market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Fluorinated Liquid for Liquid Cooling market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Fluorinated Liquid for Liquid Cooling market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2020-2025

### **The Primary Objectives in This Report Are:**

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Fluorinated Liquid for Liquid Cooling
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Fluorinated Liquid for Liquid Cooling market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include 3M, Solvay, AGC, Chemours, Zhejiang Juhua, Shenzhen Capchem Technology, Zhejiang Yongtai Technology, Zhejiang Noah Fluorochemical, Sicong Chemical, Jiangxi Meiqi New Materials, etc. This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals.

## **Market Segmentation**

Fluorinated Liquid for Liquid Cooling market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### **Market segment by Type**

Perfluoropolyether

Perfluoroketone

Hydrofluoroether

Others

### **Market segment by Application**

Semiconductor

Data Center

Electronic Device

Others

### **Major players covered**

3M

Solvay

AGC

Chemours

Zhejiang Juhua

Shenzhen Capchem Technology

Zhejiang Yongtai Technology

Zhejiang Noah Fluorochemical

Sicong Chemical

Jiangxi Meiqi New Materials

Chenguang Fluoro&Silicone Elastomers

Handong Huafu Fluoro-Chemical

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Fluorinated Liquid for Liquid Cooling product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Fluorinated Liquid for Liquid Cooling, with price, sales quantity, revenue, and global market share of Fluorinated Liquid for Liquid Cooling from 2020 to 2025.

Chapter 3, the Fluorinated Liquid for Liquid Cooling competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Fluorinated Liquid for Liquid Cooling breakdown data are shown at the

regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Fluorinated Liquid for Liquid Cooling market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Fluorinated Liquid for Liquid Cooling.

Chapter 14 and 15, to describe Fluorinated Liquid for Liquid Cooling sales channel, distributors, customers, research findings and conclusion.

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