

# Global Fluorinated Heat Transfer Fluids (HFE&PFPE) Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Fluorinated Heat Transfer Fluids (HFE&PFPE) market size was valued at US\$ 763 million in 2025 and is forecast to a readjusted size of US\$ 1362 million by 2032 with a CAGR of 8.6% during review period.

Fluorinated Heat Transfer Fluids (HFE&PFPE) are advanced thermal management solutions characterized by their exceptional thermal stability, low toxicity, and non-flammability properties, making them ideal for applications requiring precise temperature control without environmental or safety concerns. These fluids exhibit superior heat transfer capabilities combined with chemical inertness, ensuring long-term reliability and minimal degradation under extreme operating conditions. The molecular structure of HFE&PFPE compounds provides excellent compatibility with various materials while maintaining consistent performance across a wide temperature range, from cryogenic to high-heat applications. Their unique formulation allows for efficient heat dissipation with minimal vapor pressure, reducing system maintenance requirements and extending equipment lifespan in demanding thermal transfer environments. In 2025, global Fluorinated Heat Transfer Fluids (HFE&PFPE) production reached approximately 16.4 kilotons with an average global market price of around k US\$45 per ton with a gross margin of approximately 34.6-43.58%.

This report is a detailed and comprehensive analysis for global Fluorinated Heat Transfer Fluids (HFE&PFPE) 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 Heat Transfer Fluids (HFE&PFPE) market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (k US\$/Ton), 2021-2032

Global Fluorinated Heat Transfer Fluids (HFE&PFPE) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (k US\$/Ton), 2021-2032

Global Fluorinated Heat Transfer Fluids (HFE&PFPE) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (k US\$/Ton), 2021-2032

Global Fluorinated Heat Transfer Fluids (HFE&PFPE) market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (k US\$/Ton), 2021-2026

### **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 Heat Transfer Fluids (HFE&PFPE)

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 Heat Transfer Fluids (HFE&PFPE) 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 Syensqo, AGC Chemicals, Daikin Chemicals, Halocarbon, Puretecs, Chemours, TMC Industries,

Shenzhen Capchem Technology, Shandong Dongyue Group, Zhejiang Juhua, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## **Market Segmentation**

Fluorinated Heat Transfer Fluids (HFE&PFPE) market is split by Type and by Application. For the period 2021-2032, 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

HFE

PFPE

### Market segment by Cooling Mode

Single Phase

Dual Phase

### Market segment by Application

Electronics & Electrical

Semiconductor

Datacenter

New Energy

Others

## Major players covered

Syensqo

AGC Chemicals

Daikin Chemicals

Halocarbon

Puretecs

Chemours

TMC Industries

Shenzhen Capchem Technology

Shandong Dongyue Group

Zhejiang Juhua

Tianjin Jiuri New Materials

Zhejiang Yonghe Refrigerant

Fujian Times Sikang New Materials

Jiangxi Meiqi New Materials

Hoscien Technology (Tianjin)

Shanghai Yuji SiFluo

Sichuan Chenguang Boda New Materials

## 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 Heat Transfer Fluids (HFE&PFPE) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Fluorinated Heat Transfer Fluids (HFE&PFPE), with price, sales quantity, revenue, and global market share of Fluorinated Heat Transfer Fluids (HFE&PFPE) from 2021 to 2026.

Chapter 3, the Fluorinated Heat Transfer Fluids (HFE&PFPE) competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Fluorinated Heat Transfer Fluids (HFE&PFPE) breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

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 2021 to 2032.

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 2021 to 2026. and Fluorinated Heat Transfer Fluids (HFE&PFPE) market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 Heat Transfer Fluids (HFE&PFPE).

Chapter 14 and 15, to describe Fluorinated Heat Transfer Fluids (HFE&PFPE) sales channel, distributors, customers, research findings and conclusion.

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