

# Global Fluorinated Heat Transfer Fluids (HFE&PFPE) Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Fluorinated Heat Transfer Fluids (HFE&PFPE) market size is expected to reach \$ 1362 million by 2032, rising at a market growth of 8.6% CAGR during the forecast period (2026-2032).

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 studies the global Fluorinated Heat Transfer Fluids (HFE&PFPE) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Fluorinated Heat Transfer Fluids (HFE&PFPE) and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Fluorinated

Heat Transfer Fluids (HFE&PFPE) that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Fluorinated Heat Transfer Fluids (HFE&PFPE) total production and demand, 2021-2032, (Tons)

Global Fluorinated Heat Transfer Fluids (HFE&PFPE) total production value, 2021-2032, (USD Million)

Global Fluorinated Heat Transfer Fluids (HFE&PFPE) production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Fluorinated Heat Transfer Fluids (HFE&PFPE) consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Fluorinated Heat Transfer Fluids (HFE&PFPE) domestic production, consumption, key domestic manufacturers and share

Global Fluorinated Heat Transfer Fluids (HFE&PFPE) production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Fluorinated Heat Transfer Fluids (HFE&PFPE) production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Fluorinated Heat Transfer Fluids (HFE&PFPE) production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Fluorinated Heat Transfer Fluids (HFE&PFPE) market based on the following parameters - company overview, production, value, 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.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Fluorinated Heat Transfer Fluids (HFE&PFPE) market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (k US\$/Ton) by

manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

#### Global Fluorinated Heat Transfer Fluids (HFE&PFPE) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Fluorinated Heat Transfer Fluids (HFE&PFPE) Market, Segmentation by Type:

HFE

PFPE

#### Global Fluorinated Heat Transfer Fluids (HFE&PFPE) Market, Segmentation by Cooling Mode:

Single Phase

Dual Phase

#### Global Fluorinated Heat Transfer Fluids (HFE&PFPE) Market, Segmentation by

**Application:**

Electronics & Electrical

Semiconductor

Datacenter

New Energy

Others

**Companies Profiled:**

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

**Key Questions Answered:**

1. How big is the global Fluorinated Heat Transfer Fluids (HFE&PFPE) market?
2. What is the demand of the global Fluorinated Heat Transfer Fluids (HFE&PFPE) market?
3. What is the year over year growth of the global Fluorinated Heat Transfer Fluids (HFE&PFPE) market?
4. What is the production and production value of the global Fluorinated Heat Transfer Fluids (HFE&PFPE) market?
5. Who are the key producers in the global Fluorinated Heat Transfer Fluids (HFE&PFPE) market?
6. What are the growth factors driving the market demand?

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