

# Global Magnetic Fluid Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Magnetic Fluid market size is expected to reach \$ 14 million by 2029, rising at a market growth of 3.1% CAGR during the forecast period (2023-2029).

Global key players of magnetic fluid include Ferrotec, Liquids Research Ltd, FerroLabs, Inc., MoreTec Group, etc. The top three players hold a share over 85%.

Asia-Pacific is the largest market, has a share about 67%, followed by North America, and Europe, with share 14% and 11%, separately.

In terms of product type, oil-based ferrofluid is the largest segment, occupied for a share of 84%, and in terms of application, consumer electronics has a share about 46 percent.

Magnetic fluid (also called Ferrofluid) are composed of nanoscale particles (diameter usually 10 nanometers or less) of magnetite, hematite or some other compound containing iron, and a liquid. This is small enough for thermal agitation to disperse them evenly within a carrier fluid, and for them to contribute to the overall magnetic response of the fluid.

Ever since the magnetic fluid was developed in NASA Apollo program in 1965, many countries have proposed and developed its applications. Now people make good use of the special features of magnetic fluid and apply them in vacuum sealing, speakers, magnetic domain detection, hydraulic pressure bearing lubrication, stepping motor damper and dust sealing of motor and robot, etc.

This report studies the global Magnetic Fluid production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Magnetic Fluid, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Magnetic Fluid that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Magnetic Fluid total production and demand, 2018-2029, (Kg)

Global Magnetic Fluid total production value, 2018-2029, (USD Million)

Global Magnetic Fluid production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Kg)

Global Magnetic Fluid consumption by region & country, CAGR, 2018-2029 & (Kg)

U.S. VS China: Magnetic Fluid domestic production, consumption, key domestic manufacturers and share

Global Magnetic Fluid production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Kg)

Global Magnetic Fluid production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Kg)

Global Magnetic Fluid production by Application production, value, CAGR, 2018-2029, (USD Million) & (Kg).

This reports profiles key players in the global Magnetic Fluid 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 Ferrotec, MoreTec Group, Liquids Research Ltd, FerroLabs, Inc., Magnet Expert (First4magnets), American Elements and Shenran Magnetism Fluid Technology, 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 Magnetic Fluid market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Kg) and average price (US\$/Kg) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Magnetic Fluid Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Magnetic Fluid Market, Segmentation by Type

Oil-based Ferrofluid

Water-based Ferrofluid

Dry Magnetic Nanoparticles

## Global Magnetic Fluid Market, Segmentation by Application

Consumer Electronics

Automotive

Bio-Medical

Education & Art

Domain Detection

Others

## Companies Profiled:

Ferrotec

MoreTec Group

Liquids Research Ltd

FerroLabs, Inc.

Magnet Expert (First4magnets)

American Elements

Shenran Magnetism Fluid Technology

## Key Questions Answered

1. How big is the global Magnetic Fluid market?
2. What is the demand of the global Magnetic Fluid market?
3. What is the year over year growth of the global Magnetic Fluid market?

4. What is the production and production value of the global Magnetic Fluid market?
5. Who are the key producers in the global Magnetic Fluid market?

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