



## Water-based Metalworking Fluid Industry Research Report 2026

Industry	Published	Pages	Format
Chemical & Material	2025-12-30	126	PDF

Single User	Multi User	Enterprise
USD 2,950	USD 4,430	USD 5,900

### Description

The global Water-based Metalworking Fluid market was valued at US\$ million in 2025 and is projected to reach US\$ million by 2032, implying a CAGR of % over 2026–2032.

The North America market for Water-based Metalworking Fluid is forecast to increase from US\$ million in 2026 to US\$ million by 2032, corresponding to a CAGR of % over 2026–2032.

The Europe market for Water-based Metalworking Fluid is projected to rise from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026–2032.

The Asia Pacific market for Water-based Metalworking Fluid is expected to grow from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026–2032.

Leading global manufacturers of Water-based Metalworking Fluid include , among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

### Report Scope

This report quantifies the global Water-based Metalworking Fluid market in revenue (US\$ million) and, where applicable, sales volume (K Tons), using 2025 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/K Tons) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to Water-based Metalworking Fluid.

### Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Water-based Metalworking Fluid Market by Company

Blaser Swisslube

BP Castrol

Exxon Mobil

Fuchs

Henkel  
Yushiro Chemical  
TotalEnergies  
SINOPEC  
Quaker Houghton  
Petrofer  
Master Fluid Solutions  
LUKOIL  
Idemitsu Kosan  
Chervon

### **Water-based Metalworking Fluid Segment by Type**

Metal Cutting Fluids  
Metal Treating Fluids  
Metal Forming Fluids  
Metal Protecting Fluids

### **Water-based Metalworking Fluid Segment by Application**

Machinery  
Automotive  
Others

### **Water-based Metalworking Fluid Segment by Region**

North America  
United States  
Canada  
Europe  
Germany  
France  
U.K.  
Italy  
Netherlands  
Asia-Pacific  
China  
Japan  
South Korea  
India  
Australia  
China Taiwan  
Southeast Asia  
South America  
Mexico  
Brazil  
Argentina  
Middle East & Africa  
Turkey  
Saudi Arabia  
UAE

### **Key Drivers & Barriers**

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

### **Reasons to Buy This Report**

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Water-based Metalworking Fluid market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Water-based Metalworking Fluid and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Water-based Metalworking Fluid.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

### **Chapter Outline**

#### **Chapter 1:**

Research objectives, research methods, data sources, data cross-validation;

#### **Chapter 2:**

Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

#### **Chapter 3:**

Detailed analysis of Water-based Metalworking Fluid manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

#### **Chapter 4:**

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

#### **Chapter 5:**

Production/output, value of Water-based Metalworking Fluid by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

#### **Chapter 6:**

Consumption of Water-based Metalworking Fluid in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

**Chapter 7:**

Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

**Chapter 8:**

Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

**Chapter 9:**

Analysis of industrial chain, including the upstream and downstream of the industry.

**Chapter 10:**

Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

**Chapter 11:**

The main points and conclusions of the report.

# Table of Contents

---

## 1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
  - 1.5.1 Secondary Sources
  - 1.5.2 Primary Sources

---

## 2 Market Overview

- 2.1 Product Definition
- 2.2 Water-based Metalworking Fluid by Type
  - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
  - 2.2.2 Metal Cutting Fluids
  - 2.2.3 Metal Treating Fluids
  - 2.2.4 Metal Forming Fluids
  - 2.2.5 Metal Protecting Fluids
- 2.3 Water-based Metalworking Fluid by Application
  - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
  - 2.3.2 Machinery
  - 2.3.3 Automotive
  - 2.3.4 Others
- 2.4 Global Market Growth Prospects
  - 2.4.1 Global Water-based Metalworking Fluid Production Value Estimates and Forecasts (2021-2032)
  - 2.4.2 Global Water-based Metalworking Fluid Production Capacity Estimates and Forecasts (2021-2032)
  - 2.4.3 Global Water-based Metalworking Fluid Production Estimates and Forecasts (2021-2032)
  - 2.4.4 Global Water-based Metalworking Fluid Market Average Price (2021-2032)

---

## 3 Market Competitive Landscape by Manufacturers

- 3.1 Global Water-based Metalworking Fluid Production by Manufacturers (2021-2026)
- 3.2 Global Water-based Metalworking Fluid Production Value by Manufacturers (2021-2026)
- 3.3 Global Water-based Metalworking Fluid Average Price by Manufacturers (2021-2026)
- 3.4 Global Water-based Metalworking Fluid Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Water-based Metalworking Fluid Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Water-based Metalworking Fluid Manufacturers, Product Type & Application
- 3.7 Global Water-based Metalworking Fluid Manufacturers Established Date
- 3.8 Global Water-based Metalworking Fluid Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

---

## 4 Manufacturers Profiled

- 4.1 Blaser Swissslube
  - 4.1.1 Blaser Swissslube Water-based Metalworking Fluid Company Information
  - 4.1.2 Blaser Swissslube Water-based Metalworking Fluid Business Overview
  - 4.1.3 Blaser Swissslube Water-based Metalworking Fluid Production Capacity, Value and Gross Margin (2021-2026)
  - 4.1.4 Blaser Swissslube Product Portfolio
  - 4.1.5 Blaser Swissslube Recent Developments

## 4.2 BP Castrol

4.2.1 BP Castrol Water-based Metalworking Fluid Company Information

4.2.2 BP Castrol Water-based Metalworking Fluid Business Overview

4.2.3 BP Castrol Water-based Metalworking Fluid Production Capacity, Value and Gross Margin (2021-2026)

4.2.4 BP Castrol Product Portfolio

4.2.5 BP Castrol Recent Developments

## 4.3 Exxon Mobil

4.3.1 Exxon Mobil Water-based Metalworking Fluid Company Information

4.3.2 Exxon Mobil Water-based Metalworking Fluid Business Overview

4.3.3 Exxon Mobil Water-based Metalworking Fluid Production Capacity, Value and Gross Margin (2021-2026)

4.3.4 Exxon Mobil Product Portfolio

4.3.5 Exxon Mobil Recent Developments

## 4.4 Fuchs

4.4.1 Fuchs Water-based Metalworking Fluid Company Information

4.4.2 Fuchs Water-based Metalworking Fluid Business Overview

4.4.3 Fuchs Water-based Metalworking Fluid Production Capacity, Value and Gross Margin (2021-2026)

4.4.4 Fuchs Product Portfolio

4.4.5 Fuchs Recent Developments

## 4.5 Henkel

4.5.1 Henkel Water-based Metalworking Fluid Company Information

4.5.2 Henkel Water-based Metalworking Fluid Business Overview

4.5.3 Henkel Water-based Metalworking Fluid Production Capacity, Value and Gross Margin (2021-2026)

4.5.4 Henkel Product Portfolio

4.5.5 Henkel Recent Developments

## 4.6 Yushiro Chemical

4.6.1 Yushiro Chemical Water-based Metalworking Fluid Company Information

4.6.2 Yushiro Chemical Water-based Metalworking Fluid Business Overview

4.6.3 Yushiro Chemical Water-based Metalworking Fluid Production Capacity, Value and Gross Margin (2021-2026)

4.6.4 Yushiro Chemical Product Portfolio

4.6.5 Yushiro Chemical Recent Developments

## 4.7 TotalEnergies

4.7.1 TotalEnergies Water-based Metalworking Fluid Company Information

4.7.2 TotalEnergies Water-based Metalworking Fluid Business Overview

4.7.3 TotalEnergies Water-based Metalworking Fluid Production Capacity, Value and Gross Margin (2021-2026)

4.7.4 TotalEnergies Product Portfolio

4.7.5 TotalEnergies Recent Developments

## 4.8 SINOPEC

4.8.1 SINOPEC Water-based Metalworking Fluid Company Information

4.8.2 SINOPEC Water-based Metalworking Fluid Business Overview

4.8.3 SINOPEC Water-based Metalworking Fluid Production Capacity, Value and Gross Margin (2021-2026)

4.8.4 SINOPEC Product Portfolio

4.8.5 SINOPEC Recent Developments

## 4.9 Quaker Houghton

4.9.1 Quaker Houghton Water-based Metalworking Fluid Company Information

4.9.2 Quaker Houghton Water-based Metalworking Fluid Business Overview

4.9.3 Quaker Houghton Water-based Metalworking Fluid Production Capacity, Value and Gross Margin (2021-2026)

4.9.4 Quaker Houghton Product Portfolio

4.9.5 Quaker Houghton Recent Developments

#### 4.10 Petrofer

4.10.1 Petrofer Water-based Metalworking Fluid Company Information

4.10.2 Petrofer Water-based Metalworking Fluid Business Overview

4.10.3 Petrofer Water-based Metalworking Fluid Production Capacity, Value and Gross Margin (2021-2026)

4.10.4 Petrofer Product Portfolio

4.10.5 Petrofer Recent Developments

#### 4.11 Master Fluid Solutions

4.11.1 Master Fluid Solutions Water-based Metalworking Fluid Company Information

4.11.2 Master Fluid Solutions Water-based Metalworking Fluid Business Overview

4.11.3 Master Fluid Solutions Water-based Metalworking Fluid Production Capacity, Value and Gross Margin (2021-2026)

4.11.4 Master Fluid Solutions Product Portfolio

4.11.5 Master Fluid Solutions Recent Developments

#### 4.12 LUKOIL

4.12.1 LUKOIL Water-based Metalworking Fluid Company Information

4.12.2 LUKOIL Water-based Metalworking Fluid Business Overview

4.12.3 LUKOIL Water-based Metalworking Fluid Production Capacity, Value and Gross Margin (2021-2026)

4.12.4 LUKOIL Product Portfolio

4.12.5 LUKOIL Recent Developments

#### 4.13 Idemitsu Kosan

4.13.1 Idemitsu Kosan Water-based Metalworking Fluid Company Information

4.13.2 Idemitsu Kosan Water-based Metalworking Fluid Business Overview

4.13.3 Idemitsu Kosan Water-based Metalworking Fluid Production Capacity, Value and Gross Margin (2021-2026)

4.13.4 Idemitsu Kosan Product Portfolio

4.13.5 Idemitsu Kosan Recent Developments

#### 4.14 Chervon

4.14.1 Chervon Water-based Metalworking Fluid Company Information

4.14.2 Chervon Water-based Metalworking Fluid Business Overview

4.14.3 Chervon Water-based Metalworking Fluid Production Capacity, Value and Gross Margin (2021-2026)

4.14.4 Chervon Product Portfolio

4.14.5 Chervon Recent Developments

---

## 5 Global Water-based Metalworking Fluid Production by Region

5.1 Global Water-based Metalworking Fluid Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

5.2 Global Water-based Metalworking Fluid Production by Region: 2021-2032

5.2.1 Global Water-based Metalworking Fluid Production by Region: 2021-2026

5.2.2 Global Water-based Metalworking Fluid Production Forecast by Region (2027-2032)

5.3 Global Water-based Metalworking Fluid Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

5.4 Global Water-based Metalworking Fluid Production Value by Region: 2021-2032

5.4.1 Global Water-based Metalworking Fluid Production Value by Region: 2021-2026

5.4.2 Global Water-based Metalworking Fluid Production Value Forecast by Region (2027-2032)

5.5 Global Water-based Metalworking Fluid Market Price Analysis by Region (2021-2026)

5.6 Global Water-based Metalworking Fluid Production and Value, YOY Growth

5.6.1 North America Water-based Metalworking Fluid Production Value Estimates and Forecasts (2021-2032)

5.6.2 Europe Water-based Metalworking Fluid Production Value Estimates and Forecasts (2021-2032)

5.6.3 China Water-based Metalworking Fluid Production Value Estimates and Forecasts (2021-2032)

5.6.4 Japan Water-based Metalworking Fluid Production Value Estimates and Forecasts (2021-2032)

---

## 6 Global Water-based Metalworking Fluid Consumption by Region

6.1 Global Water-based Metalworking Fluid Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

## 6.2 Global Water-based Metalworking Fluid Consumption by Region (2021-2032)

### 6.2.1 Global Water-based Metalworking Fluid Consumption by Region: 2021-2026

### 6.2.2 Global Water-based Metalworking Fluid Forecasted Consumption by Region (2027-2032)

## 6.3 North America

### 6.3.1 North America Water-based Metalworking Fluid Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

### 6.3.2 North America Water-based Metalworking Fluid Consumption by Country (2021-2032)

#### 6.3.3 United States

#### 6.3.4 Canada

## 6.4 Europe

### 6.4.1 Europe Water-based Metalworking Fluid Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

### 6.4.2 Europe Water-based Metalworking Fluid Consumption by Country (2021-2032)

#### 6.4.3 Germany

#### 6.4.4 France

#### 6.4.5 U.K.

#### 6.4.6 Italy

#### 6.4.7 Netherlands

## 6.5 Asia Pacific

### 6.5.1 Asia Pacific Water-based Metalworking Fluid Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

### 6.5.2 Asia Pacific Water-based Metalworking Fluid Consumption by Country (2021-2032)

#### 6.5.3 China

#### 6.5.4 Japan

#### 6.5.5 South Korea

#### 6.5.6 India

#### 6.5.7 Australia

#### 6.5.8 China Taiwan

#### 6.5.9 Southeast Asia

## 6.6 South America, Middle East & Africa

### 6.6.1 South America, Middle East & Africa Water-based Metalworking Fluid Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

### 6.6.2 South America, Middle East & Africa Water-based Metalworking Fluid Consumption by Country (2021-2032)

#### 6.6.3 Brazil

#### 6.6.4 Argentina

#### 6.6.5 Chile

#### 6.6.6 Turkey

#### 6.6.7 GCC Countries

---

## 7 Segment by Type

### 7.1 Global Water-based Metalworking Fluid Production by Type (2021-2032)

#### 7.1.1 Global Water-based Metalworking Fluid Production by Type (2021-2032) & (K Tons)

#### 7.1.2 Global Water-based Metalworking Fluid Production Market Share by Type (2021-2032)

### 7.2 Global Water-based Metalworking Fluid Production Value by Type (2021-2032)

#### 7.2.1 Global Water-based Metalworking Fluid Production Value by Type (2021-2032) & (US\$ Million)

#### 7.2.2 Global Water-based Metalworking Fluid Production Value Market Share by Type (2021-2032)

### 7.3 Global Water-based Metalworking Fluid Price by Type (2021-2032)

---

## 8 Segment by Application

### 8.1 Global Water-based Metalworking Fluid Production by Application (2021-2032)

#### 8.1.1 Global Water-based Metalworking Fluid Production by Application (2021-2032) & (K Tons)

#### 8.1.2 Global Water-based Metalworking Fluid Production Market Share by Application (2021-2032)

8.2 Global Water-based Metalworking Fluid Production Value by Application (2021-2032)

8.2.1 Global Water-based Metalworking Fluid Production Value by Application (2021-2032) & (US\$ Million)

8.2.2 Global Water-based Metalworking Fluid Production Value Market Share by Application (2021-2032)

8.3 Global Water-based Metalworking Fluid Price by Application (2021-2032)

---

## **9 Value Chain and Sales Channels Analysis of the Market**

9.1 Water-based Metalworking Fluid Value Chain Analysis

9.1.1 Water-based Metalworking Fluid Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Water-based Metalworking Fluid Production Mode & Process

9.2 Water-based Metalworking Fluid Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Water-based Metalworking Fluid Distributors

9.2.3 Water-based Metalworking Fluid Customers

---

## **10 Global Water-based Metalworking Fluid Analyzing Market Dynamics**

10.1 Water-based Metalworking Fluid Industry Trends

10.2 Water-based Metalworking Fluid Industry Drivers

10.3 Water-based Metalworking Fluid Industry Opportunities and Challenges

10.4 Water-based Metalworking Fluid Industry Restraints

---

## **11 Report Conclusion**

## **12 Disclaimer**

## List of Tables and Figures

---

### List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Water-based Metalworking Fluid Production by Manufacturers (K Tons) & (2021-2026)
- Table 6: Global Water-based Metalworking Fluid Production Market Share by Manufacturers
- Table 7: Global Water-based Metalworking Fluid Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global Water-based Metalworking Fluid Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global Water-based Metalworking Fluid Average Price (US\$/Ton) of Manufacturers (2021-2026)
- Table 10: Global Water-based Metalworking Fluid Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Water-based Metalworking Fluid Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global Water-based Metalworking Fluid Manufacturers, Product Type & Application
- Table 13: Global Water-based Metalworking Fluid Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Water-based Metalworking Fluid by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 17: Blaser Swissslube Company Information
- Table 18: Blaser Swissslube Business Overview
- Table 19: Blaser Swissslube Water-based Metalworking Fluid Production (K Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 20: Blaser Swissslube Water-based Metalworking Fluid Product Portfolio
- Table 21: Blaser Swissslube Recent Development
- Table 22: BP Castrol Company Information
- Table 23: BP Castrol Business Overview
- Table 24: BP Castrol Water-based Metalworking Fluid Production (K Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 25: BP Castrol Water-based Metalworking Fluid Product Portfolio
- Table 26: BP Castrol Recent Development
- Table 27: Exxon Mobil Company Information
- Table 28: Exxon Mobil Business Overview
- Table 29: Exxon Mobil Water-based Metalworking Fluid Production (K Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 30: Exxon Mobil Water-based Metalworking Fluid Product Portfolio
- Table 31: Exxon Mobil Recent Development
- Table 32: Fuchs Company Information
- Table 33: Fuchs Business Overview
- Table 34: Fuchs Water-based Metalworking Fluid Production (K Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 35: Fuchs Water-based Metalworking Fluid Product Portfolio
- Table 36: Fuchs Recent Development
- Table 37: Henkel Company Information
- Table 38: Henkel Business Overview
- Table 39: Henkel Water-based Metalworking Fluid Production (K Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 40: Henkel Water-based Metalworking Fluid Product Portfolio
- Table 41: Henkel Recent Development
- Table 42: Yushiro Chemical Company Information
- Table 43: Yushiro Chemical Business Overview
- Table 44: Yushiro Chemical Water-based Metalworking Fluid Production (K Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 45: Yushiro Chemical Water-based Metalworking Fluid Product Portfolio
- Table 46: Yushiro Chemical Recent Development
- Table 47: TotalEnergies Company Information
- Table 48: TotalEnergies Business Overview

- Table 49: TotalEnergies Water-based Metalworking Fluid Production (K Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 50: TotalEnergies Water-based Metalworking Fluid Product Portfolio
- Table 51: TotalEnergies Recent Development
- Table 52: SINOPEC Company Information
- Table 53: SINOPEC Business Overview
- Table 54: SINOPEC Water-based Metalworking Fluid Production (K Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 55: SINOPEC Water-based Metalworking Fluid Product Portfolio
- Table 56: SINOPEC Recent Development
- Table 57: Quaker Houghton Company Information
- Table 58: Quaker Houghton Business Overview
- Table 59: Quaker Houghton Water-based Metalworking Fluid Production (K Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 60: Quaker Houghton Water-based Metalworking Fluid Product Portfolio
- Table 61: Quaker Houghton Recent Development
- Table 62: Petrofer Company Information
- Table 63: Petrofer Business Overview
- Table 64: Petrofer Water-based Metalworking Fluid Production (K Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 65: Petrofer Water-based Metalworking Fluid Product Portfolio
- Table 66: Petrofer Recent Development
- Table 67: Master Fluid Solutions Company Information
- Table 68: Master Fluid Solutions Business Overview
- Table 69: Master Fluid Solutions Water-based Metalworking Fluid Production (K Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 70: Master Fluid Solutions Water-based Metalworking Fluid Product Portfolio
- Table 71: Master Fluid Solutions Recent Development
- Table 72: LUKOIL Company Information
- Table 73: LUKOIL Business Overview
- Table 74: LUKOIL Water-based Metalworking Fluid Production (K Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 75: LUKOIL Water-based Metalworking Fluid Product Portfolio
- Table 76: LUKOIL Recent Development
- Table 77: Idemitsu Kosan Company Information
- Table 78: Idemitsu Kosan Business Overview
- Table 79: Idemitsu Kosan Water-based Metalworking Fluid Production (K Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 80: Idemitsu Kosan Water-based Metalworking Fluid Product Portfolio
- Table 81: Idemitsu Kosan Recent Development
- Table 82: Chervon Company Information
- Table 83: Chervon Business Overview
- Table 84: Chervon Water-based Metalworking Fluid Production (K Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 85: Chervon Water-based Metalworking Fluid Product Portfolio
- Table 86: Chervon Recent Development
- Table 87: Global Water-based Metalworking Fluid Production Comparison by Region: 2021 VS 2025 VS 2032 (K Tons)
- Table 88: Global Water-based Metalworking Fluid Production by Region (2021-2026) & (K Tons)
- Table 89: Global Water-based Metalworking Fluid Production Market Share by Region (2021-2026)
- Table 90: Global Water-based Metalworking Fluid Production Forecast by Region (2027-2032) & (K Tons)
- Table 91: Global Water-based Metalworking Fluid Production Market Share Forecast by Region (2027-2032)
- Table 92: Global Water-based Metalworking Fluid Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 93: Global Water-based Metalworking Fluid Production Value by Region (2021-2026) & (US\$ Million)
- Table 94: Global Water-based Metalworking Fluid Production Value Market Share by Region (2021-2026)
- Table 95: Global Water-based Metalworking Fluid Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 96: Global Water-based Metalworking Fluid Market Average Price (US\$/Ton) by Region (2021-2026)
- Table 97: Global Water-based Metalworking Fluid Market Average Price (US\$/Ton) by Region (2027-2032)
- Table 98: Global Water-based Metalworking Fluid Consumption Comparison by Region: 2021 VS 2025 VS 2032 (K Tons)
- Table 99: Global Water-based Metalworking Fluid Consumption by Region (2021-2026) & (K Tons)
- Table 100: Global Water-based Metalworking Fluid Consumption Market Share by Region (2021-2026)
- Table 101: Global Water-based Metalworking Fluid Forecasted Consumption by Region (2027-2032) & (K Tons)
- Table 102: Global Water-based Metalworking Fluid Forecasted Consumption Market Share by Region (2027-2032)
- Table 103: North America Water-based Metalworking Fluid Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (K Tons)

- Table 104: North America Water-based Metalworking Fluid Consumption by Country (2021-2026) & (K Tons)
- Table 105: North America Water-based Metalworking Fluid Consumption by Country (2027-2032) & (K Tons)
- Table 106: Europe Water-based Metalworking Fluid Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (K Tons)
- Table 107: Europe Water-based Metalworking Fluid Consumption by Country (2021-2026) & (K Tons)
- Table 108: Europe Water-based Metalworking Fluid Consumption by Country (2027-2032) & (K Tons)
- Table 109: Asia Pacific Water-based Metalworking Fluid Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (K Tons)
- Table 110: Asia Pacific Water-based Metalworking Fluid Consumption by Country (2021-2026) & (K Tons)
- Table 111: Asia Pacific Water-based Metalworking Fluid Consumption by Country (2027-2032) & (K Tons)
- Table 112: South America, Middle East & Africa Water-based Metalworking Fluid Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (K Tons)
- Table 113: South America, Middle East & Africa Water-based Metalworking Fluid Consumption by Country (2021-2026) & (K Tons)
- Table 114: South America, Middle East & Africa Water-based Metalworking Fluid Consumption by Country (2027-2032) & (K Tons)
- Table 115: Global Water-based Metalworking Fluid Production by Type (2021-2026) & (K Tons)
- Table 116: Global Water-based Metalworking Fluid Production by Type (2027-2032) & (K Tons)
- Table 117: Global Water-based Metalworking Fluid Production Market Share by Type (2021-2026)
- Table 118: Global Water-based Metalworking Fluid Production Market Share by Type (2027-2032)
- Table 119: Global Water-based Metalworking Fluid Production Value by Type (2021-2026) & (US\$ Million)
- Table 120: Global Water-based Metalworking Fluid Production Value by Type (2027-2032) & (US\$ Million)
- Table 121: Global Water-based Metalworking Fluid Production Value Market Share by Type (2021-2026)
- Table 122: Global Water-based Metalworking Fluid Production Value Market Share by Type (2027-2032)
- Table 123: Global Water-based Metalworking Fluid Price by Type (2021-2026) & (US\$/Ton)
- Table 124: Global Water-based Metalworking Fluid Price by Type (2027-2032) & (US\$/Ton)
- Table 125: Global Water-based Metalworking Fluid Production by Application (2021-2026) & (K Tons)
- Table 126: Global Water-based Metalworking Fluid Production by Application (2027-2032) & (K Tons)
- Table 127: Global Water-based Metalworking Fluid Production Market Share by Application (2021-2026)
- Table 128: Global Water-based Metalworking Fluid Production Market Share by Application (2027-2032)
- Table 129: Global Water-based Metalworking Fluid Production Value by Application (2021-2026) & (US\$ Million)
- Table 130: Global Water-based Metalworking Fluid Production Value by Application (2027-2032) & (US\$ Million)
- Table 131: Global Water-based Metalworking Fluid Production Value Market Share by Application (2021-2026)
- Table 132: Global Water-based Metalworking Fluid Production Value Market Share by Application (2027-2032)
- Table 133: Global Water-based Metalworking Fluid Price by Application (2021-2026) & (US\$/Ton)
- Table 134: Global Water-based Metalworking Fluid Price by Application (2027-2032) & (US\$/Ton)
- Table 135: Key Raw Materials
- Table 136: Raw Materials Key Suppliers
- Table 137: Water-based Metalworking Fluid Distributors List
- Table 138: Water-based Metalworking Fluid Customers List
- Table 139: Water-based Metalworking Fluid Industry Trends
- Table 140: Water-based Metalworking Fluid Industry Drivers
- Table 141: Water-based Metalworking Fluid Industry Restraints
- Table 142: Authors List of This Report

### List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: Water-based Metalworking Fluid Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: Metal Cutting Fluids Product Image
- Figure 7: Metal Treating Fluids Product Image
- Figure 8: Metal Forming Fluids Product Image
- Figure 9: Metal Protecting Fluids Product Image
- Figure 10: Machinery Product Image
- Figure 11: Automotive Product Image
- Figure 12: Others Product Image
- Figure 13: Global Water-based Metalworking Fluid Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 14: Global Water-based Metalworking Fluid Production Value (2021-2032) & (US\$ Million)
- Figure 15: Global Water-based Metalworking Fluid Production Capacity (2021-2032) & (K Tons)
- Figure 16: Global Water-based Metalworking Fluid Production (2021-2032) & (K Tons)
- Figure 17: Global Water-based Metalworking Fluid Average Price (US\$/Ton) & (2021-2032)
- Figure 18: Global Water-based Metalworking Fluid Key Manufacturers, Manufacturing Sites & Headquarters

- Figure 19: Global Top 5 and 10 Water-based Metalworking Fluid Players Market Share by Production Value in 2025
- Figure 20: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 21: Global Water-based Metalworking Fluid Production Comparison by Region: 2021 VS 2025 VS 2032 (K Tons)
- Figure 22: Global Water-based Metalworking Fluid Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 23: Global Water-based Metalworking Fluid Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 24: Global Water-based Metalworking Fluid Production Value Market Share by Region: 2021 VS 2025 VS 2032
- Figure 25: North America Water-based Metalworking Fluid Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 26: Europe Water-based Metalworking Fluid Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 27: China Water-based Metalworking Fluid Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 28: Japan Water-based Metalworking Fluid Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 29: Global Water-based Metalworking Fluid Consumption Comparison by Region: 2021 VS 2025 VS 2032 (K Tons)
- Figure 30: Global Water-based Metalworking Fluid Consumption Market Share by Region: 2021 VS 2025 VS 2032
- Figure 31: North America Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 32: North America Water-based Metalworking Fluid Consumption Market Share by Country (2021-2032)
- Figure 33: United States Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 34: United States Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 35: Canada Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 36: Europe Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 37: Europe Water-based Metalworking Fluid Consumption Market Share by Country (2021-2032)
- Figure 38: Germany Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 39: France Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 40: U.K. Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 41: Italy Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 42: Netherlands Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 43: Asia Pacific Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 44: Asia Pacific Water-based Metalworking Fluid Consumption Market Share by Country (2021-2032)
- Figure 45: China Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 46: Japan Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 47: South Korea Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 48: India Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 49: Australia Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 50: China Taiwan Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 51: Southeast Asia Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 52: South America, Middle East & Africa Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 53: South America, Middle East & Africa Water-based Metalworking Fluid Consumption Market Share by Country (2021-2032)
- Figure 54: Brazil Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 55: Argentina Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 56: Chile Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 57: Turkey Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 58: GCC Countries Water-based Metalworking Fluid Consumption and Growth Rate (2021-2032) & (K Tons)
- Figure 59: Global Water-based Metalworking Fluid Production Market Share by Type (2021-2032)
- Figure 60: Global Water-based Metalworking Fluid Production Value Market Share by Type (2021-2032)
- Figure 61: Global Water-based Metalworking Fluid Price (US\$/Ton) by Type (2021-2032)
- Figure 62: Global Water-based Metalworking Fluid Production Market Share by Application (2021-2032)
- Figure 63: Global Water-based Metalworking Fluid Production Value Market Share by Application (2021-2032)
- Figure 64: Global Water-based Metalworking Fluid Price (US\$/Ton) by Application (2021-2032)
- Figure 65: Water-based Metalworking Fluid Value Chain
- Figure 66: Water-based Metalworking Fluid Production Mode & Process
- Figure 67: Direct Comparison with Distribution Share
- Figure 68: Distributors Profiles
- Figure 69: Water-based Metalworking Fluid Industry Opportunities and Challenges