

# Global Metal Working Fluids Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G286830667BEN.html>

Date: January 2024

Pages: 159

Price: US\$ 3,480.00 (Single User License)

ID: G286830667BEN

## Abstracts

According to our (Global Info Research) latest study, the global Metal Working Fluids market size was valued at USD 8560.7 million in 2023 and is forecast to a readjusted size of USD 9150.9 million by 2030 with a CAGR of 1.0% during review period.

Metalworking fluids (MWFs) are used to reduce heat and friction and to remove metal particles in industrial machining and grinding operations. There are numerous formulations, ranging from Removal fluids (such as petroleum oils) to water-based fluids, which include Treating fluids and semisynthetic/Protecting fluids. MWFs may be complex mixtures of oils, emulsifiers, anti-weld agents, corrosion inhibitors, extreme pressure additives, buffers (alkaline reserve), biocides, and other additives. In use, the fluid complexity is compounded by contamination with substances from the manufacturing process (such as tramp oils, hydraulic fluids, and particulate matter from grinding and machining operations).

Global Metal Working Fluids key players include Quaker Houghton, Exxon Mobil, Fuchs, etc., which are mainly located in North America, Europe, China, Japan, India, etc. The top three producers together account for more than 25% of the market share, with the largest producer being Quaker Houghton with 11%. Europe has the largest sales market, with a 27% market share. In terms of product categories, metal removal fluids have the largest market share with 50%, followed by metal forming fluids with 30%. In terms of applications, machinery is the top application area with a 48% market share.

The Global Info Research report includes an overview of the development of the Metal Working Fluids industry chain, the market status of Machinery (Metal Removal Fluids,

Metal Treating Fluids), Automotive (Metal Removal Fluids, Metal Treating Fluids), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Metal Working Fluids.

Regionally, the report analyzes the Metal Working Fluids markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Metal Working Fluids market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Metal Working Fluids market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Metal Working Fluids industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K MT), revenue generated, and market share of different by Type (e.g., Metal Removal Fluids, Metal Treating Fluids).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Metal Working Fluids market.

**Regional Analysis:** The report involves examining the Metal Working Fluids market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Metal Working Fluids market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Metal Working Fluids:

**Company Analysis:** Report covers individual Metal Working Fluids manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Metal Working Fluids. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Machinery, Automotive).

**Technology Analysis:** Report covers specific technologies relevant to Metal Working Fluids. It assesses the current state, advancements, and potential future developments in Metal Working Fluids areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Metal Working Fluids market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Metal Working Fluids market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Metal Removal Fluids

Metal Treating Fluids

Metal Forming Fluids

Metal Protecting Fluids

## Market segment by Application

Machinery

Automotive

Others

## Major players covered

Quaker Houghton

Exxon Mobil

Fuchs

BP Castrol

Henkel

Yushiro Chemical

Idemitsu Kosan

Blaser Swissslube

TotalEnergies

Petrofer

Master Fluid Solutions

LUKOIL

Chervon

SINOPEC

Cimcool Industrial Products

ENEOS Corporation

Cosmo Oil Lubricants

Indian Oil Corporation

Chemetall

Ashburn Chemical Technologies

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 Metal Working Fluids product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Metal Working Fluids, with price, sales, revenue and global market share of Metal Working Fluids from 2019 to 2024.

Chapter 3, the Metal Working Fluids competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape

contrast.

Chapter 4, the Metal Working Fluids breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023. and Metal Working Fluids market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Metal Working Fluids.

Chapter 14 and 15, to describe Metal Working Fluids sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope of Metal Working Fluids

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Metal Working Fluids Consumption Value by Type: 2019 Versus 2023 Versus 2030

1.3.2 Metal Removal Fluids

1.3.3 Metal Treating Fluids

1.3.4 Metal Forming Fluids

1.3.5 Metal Protecting Fluids

1.4 Market Analysis by Application

1.4.1 Overview: Global Metal Working Fluids Consumption Value by Application: 2019 Versus 2023 Versus 2030

1.4.2 Machinery

1.4.3 Automotive

1.4.4 Others

1.5 Global Metal Working Fluids Market Size & Forecast

1.5.1 Global Metal Working Fluids Consumption Value (2019 & 2023 & 2030)

1.5.2 Global Metal Working Fluids Sales Quantity (2019-2030)

1.5.3 Global Metal Working Fluids Average Price (2019-2030)

### 2 MANUFACTURERS PROFILES

2.1 Quaker Houghton

2.1.1 Quaker Houghton Details

2.1.2 Quaker Houghton Major Business

2.1.3 Quaker Houghton Metal Working Fluids Product and Services

2.1.4 Quaker Houghton Metal Working Fluids Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.1.5 Quaker Houghton Recent Developments/Updates

2.2 Exxon Mobil

2.2.1 Exxon Mobil Details

2.2.2 Exxon Mobil Major Business

2.2.3 Exxon Mobil Metal Working Fluids Product and Services

2.2.4 Exxon Mobil Metal Working Fluids Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

- 2.2.5 Exxon Mobil Recent Developments/Updates
- 2.3 Fuchs
  - 2.3.1 Fuchs Details
  - 2.3.2 Fuchs Major Business
  - 2.3.3 Fuchs Metal Working Fluids Product and Services
  - 2.3.4 Fuchs Metal Working Fluids Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.3.5 Fuchs Recent Developments/Updates
- 2.4 BP Castrol
  - 2.4.1 BP Castrol Details
  - 2.4.2 BP Castrol Major Business
  - 2.4.3 BP Castrol Metal Working Fluids Product and Services
  - 2.4.4 BP Castrol Metal Working Fluids Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.4.5 BP Castrol Recent Developments/Updates
- 2.5 Henkel
  - 2.5.1 Henkel Details
  - 2.5.2 Henkel Major Business
  - 2.5.3 Henkel Metal Working Fluids Product and Services
  - 2.5.4 Henkel Metal Working Fluids Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.5.5 Henkel Recent Developments/Updates
- 2.6 Yushiro Chemical
  - 2.6.1 Yushiro Chemical Details
  - 2.6.2 Yushiro Chemical Major Business
  - 2.6.3 Yushiro Chemical Metal Working Fluids Product and Services
  - 2.6.4 Yushiro Chemical Metal Working Fluids Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.6.5 Yushiro Chemical Recent Developments/Updates
- 2.7 Idemitsu Kosan
  - 2.7.1 Idemitsu Kosan Details
  - 2.7.2 Idemitsu Kosan Major Business
  - 2.7.3 Idemitsu Kosan Metal Working Fluids Product and Services
  - 2.7.4 Idemitsu Kosan Metal Working Fluids Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.7.5 Idemitsu Kosan Recent Developments/Updates
- 2.8 Blaser Swisslube
  - 2.8.1 Blaser Swisslube Details
  - 2.8.2 Blaser Swisslube Major Business



- 2.8.3 Blaser Swissslube Metal Working Fluids Product and Services
- 2.8.4 Blaser Swissslube Metal Working Fluids Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 Blaser Swissslube Recent Developments/Updates
- 2.9 TotalEnergies
  - 2.9.1 TotalEnergies Details
  - 2.9.2 TotalEnergies Major Business
  - 2.9.3 TotalEnergies Metal Working Fluids Product and Services
  - 2.9.4 TotalEnergies Metal Working Fluids Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.9.5 TotalEnergies Recent Developments/Updates
- 2.10 Petrofer
  - 2.10.1 Petrofer Details
  - 2.10.2 Petrofer Major Business
  - 2.10.3 Petrofer Metal Working Fluids Product and Services
  - 2.10.4 Petrofer Metal Working Fluids Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.10.5 Petrofer Recent Developments/Updates
- 2.11 Master Fluid Solutions
  - 2.11.1 Master Fluid Solutions Details
  - 2.11.2 Master Fluid Solutions Major Business
  - 2.11.3 Master Fluid Solutions Metal Working Fluids Product and Services
  - 2.11.4 Master Fluid Solutions Metal Working Fluids Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.11.5 Master Fluid Solutions Recent Developments/Updates
- 2.12 LUKOIL
  - 2.12.1 LUKOIL Details
  - 2.12.2 LUKOIL Major Business
  - 2.12.3 LUKOIL Metal Working Fluids Product and Services
  - 2.12.4 LUKOIL Metal Working Fluids Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.12.5 LUKOIL Recent Developments/Updates
- 2.13 Chervon
  - 2.13.1 Chervon Details
  - 2.13.2 Chervon Major Business
  - 2.13.3 Chervon Metal Working Fluids Product and Services
  - 2.13.4 Chervon Metal Working Fluids Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.13.5 Chervon Recent Developments/Updates

## 2.14 SINOPEC

### 2.14.1 SINOPEC Details

### 2.14.2 SINOPEC Major Business

### 2.14.3 SINOPEC Metal Working Fluids Product and Services

### 2.14.4 SINOPEC Metal Working Fluids Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.14.5 SINOPEC Recent Developments/Updates

## 2.15 Cimcool Industrial Products

### 2.15.1 Cimcool Industrial Products Details

### 2.15.2 Cimcool Industrial Products Major Business

### 2.15.3 Cimcool Industrial Products Metal Working Fluids Product and Services

### 2.15.4 Cimcool Industrial Products Metal Working Fluids Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.15.5 Cimcool Industrial Products Recent Developments/Updates

## 2.16 ENEOS Corporation

### 2.16.1 ENEOS Corporation Details

### 2.16.2 ENEOS Corporation Major Business

### 2.16.3 ENEOS Corporation Metal Working Fluids Product and Services

### 2.16.4 ENEOS Corporation Metal Working Fluids Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.16.5 ENEOS Corporation Recent Developments/Updates

## 2.17 Cosmo Oil Lubricants

### 2.17.1 Cosmo Oil Lubricants Details

### 2.17.2 Cosmo Oil Lubricants Major Business

### 2.17.3 Cosmo Oil Lubricants Metal Working Fluids Product and Services

### 2.17.4 Cosmo Oil Lubricants Metal Working Fluids Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.17.5 Cosmo Oil Lubricants Recent Developments/Updates

## 2.18 Indian Oil Corporation

### 2.18.1 Indian Oil Corporation Details

### 2.18.2 Indian Oil Corporation Major Business

### 2.18.3 Indian Oil Corporation Metal Working Fluids Product and Services

### 2.18.4 Indian Oil Corporation Metal Working Fluids Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.18.5 Indian Oil Corporation Recent Developments/Updates

## 2.19 Chemetall

### 2.19.1 Chemetall Details

### 2.19.2 Chemetall Major Business

### 2.19.3 Chemetall Metal Working Fluids Product and Services

2.19.4 Chemetall Metal Working Fluids Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.19.5 Chemetall Recent Developments/Updates

2.20 Ashburn Chemical Technologies

2.20.1 Ashburn Chemical Technologies Details

2.20.2 Ashburn Chemical Technologies Major Business

2.20.3 Ashburn Chemical Technologies Metal Working Fluids Product and Services

2.20.4 Ashburn Chemical Technologies Metal Working Fluids Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.20.5 Ashburn Chemical Technologies Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: METAL WORKING FLUIDS BY MANUFACTURER**

3.1 Global Metal Working Fluids Sales Quantity by Manufacturer (2019-2024)

3.2 Global Metal Working Fluids Revenue by Manufacturer (2019-2024)

3.3 Global Metal Working Fluids Average Price by Manufacturer (2019-2024)

3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of Metal Working Fluids by Manufacturer Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 Metal Working Fluids Manufacturer Market Share in 2023

3.4.2 Top 6 Metal Working Fluids Manufacturer Market Share in 2023

3.5 Metal Working Fluids Market: Overall Company Footprint Analysis

3.5.1 Metal Working Fluids Market: Region Footprint

3.5.2 Metal Working Fluids Market: Company Product Type Footprint

3.5.3 Metal Working Fluids Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

4.1 Global Metal Working Fluids Market Size by Region

4.1.1 Global Metal Working Fluids Sales Quantity by Region (2019-2030)

4.1.2 Global Metal Working Fluids Consumption Value by Region (2019-2030)

4.1.3 Global Metal Working Fluids Average Price by Region (2019-2030)

4.2 North America Metal Working Fluids Consumption Value (2019-2030)

4.3 Europe Metal Working Fluids Consumption Value (2019-2030)

4.4 Asia-Pacific Metal Working Fluids Consumption Value (2019-2030)

4.5 South America Metal Working Fluids Consumption Value (2019-2030)

4.6 Middle East and Africa Metal Working Fluids Consumption Value (2019-2030)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Metal Working Fluids Sales Quantity by Type (2019-2030)
- 5.2 Global Metal Working Fluids Consumption Value by Type (2019-2030)
- 5.3 Global Metal Working Fluids Average Price by Type (2019-2030)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Metal Working Fluids Sales Quantity by Application (2019-2030)
- 6.2 Global Metal Working Fluids Consumption Value by Application (2019-2030)
- 6.3 Global Metal Working Fluids Average Price by Application (2019-2030)

## **7 NORTH AMERICA**

- 7.1 North America Metal Working Fluids Sales Quantity by Type (2019-2030)
- 7.2 North America Metal Working Fluids Sales Quantity by Application (2019-2030)
- 7.3 North America Metal Working Fluids Market Size by Country
  - 7.3.1 North America Metal Working Fluids Sales Quantity by Country (2019-2030)
  - 7.3.2 North America Metal Working Fluids Consumption Value by Country (2019-2030)
  - 7.3.3 United States Market Size and Forecast (2019-2030)
  - 7.3.4 Canada Market Size and Forecast (2019-2030)
  - 7.3.5 Mexico Market Size and Forecast (2019-2030)

## **8 EUROPE**

- 8.1 Europe Metal Working Fluids Sales Quantity by Type (2019-2030)
- 8.2 Europe Metal Working Fluids Sales Quantity by Application (2019-2030)
- 8.3 Europe Metal Working Fluids Market Size by Country
  - 8.3.1 Europe Metal Working Fluids Sales Quantity by Country (2019-2030)
  - 8.3.2 Europe Metal Working Fluids Consumption Value by Country (2019-2030)
  - 8.3.3 Germany Market Size and Forecast (2019-2030)
  - 8.3.4 France Market Size and Forecast (2019-2030)
  - 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
  - 8.3.6 Russia Market Size and Forecast (2019-2030)
  - 8.3.7 Italy Market Size and Forecast (2019-2030)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific Metal Working Fluids Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific Metal Working Fluids Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific Metal Working Fluids Market Size by Region
  - 9.3.1 Asia-Pacific Metal Working Fluids Sales Quantity by Region (2019-2030)
  - 9.3.2 Asia-Pacific Metal Working Fluids Consumption Value by Region (2019-2030)
  - 9.3.3 China Market Size and Forecast (2019-2030)
  - 9.3.4 Japan Market Size and Forecast (2019-2030)
  - 9.3.5 Korea Market Size and Forecast (2019-2030)
  - 9.3.6 India Market Size and Forecast (2019-2030)
  - 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
  - 9.3.8 Australia Market Size and Forecast (2019-2030)

## **10 SOUTH AMERICA**

- 10.1 South America Metal Working Fluids Sales Quantity by Type (2019-2030)
- 10.2 South America Metal Working Fluids Sales Quantity by Application (2019-2030)
- 10.3 South America Metal Working Fluids Market Size by Country
  - 10.3.1 South America Metal Working Fluids Sales Quantity by Country (2019-2030)
  - 10.3.2 South America Metal Working Fluids Consumption Value by Country (2019-2030)
  - 10.3.3 Brazil Market Size and Forecast (2019-2030)
  - 10.3.4 Argentina Market Size and Forecast (2019-2030)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Metal Working Fluids Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa Metal Working Fluids Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa Metal Working Fluids Market Size by Country
  - 11.3.1 Middle East & Africa Metal Working Fluids Sales Quantity by Country (2019-2030)
  - 11.3.2 Middle East & Africa Metal Working Fluids Consumption Value by Country (2019-2030)
  - 11.3.3 Turkey Market Size and Forecast (2019-2030)
  - 11.3.4 Egypt Market Size and Forecast (2019-2030)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
  - 11.3.6 South Africa Market Size and Forecast (2019-2030)

## **12 MARKET DYNAMICS**

- 12.1 Metal Working Fluids Market Drivers
- 12.2 Metal Working Fluids Market Restraints
- 12.3 Metal Working Fluids Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 12.4.3 Bargaining Power of Buyers
  - 12.4.4 Threat of Substitutes
  - 12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of Metal Working Fluids and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Metal Working Fluids
- 13.3 Metal Working Fluids Production Process
- 13.4 Metal Working Fluids Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Metal Working Fluids Typical Distributors
- 14.3 Metal Working Fluids Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

- Table 1. Global Metal Working Fluids Consumption Value by Type, (USD Million), 2019 & 2023 & 2030
- Table 2. Global Metal Working Fluids Consumption Value by Application, (USD Million), 2019 & 2023 & 2030
- Table 3. Quaker Houghton Basic Information, Manufacturing Base and Competitors
- Table 4. Quaker Houghton Major Business
- Table 5. Quaker Houghton Metal Working Fluids Product and Services
- Table 6. Quaker Houghton Metal Working Fluids Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 7. Quaker Houghton Recent Developments/Updates
- Table 8. Exxon Mobil Basic Information, Manufacturing Base and Competitors
- Table 9. Exxon Mobil Major Business
- Table 10. Exxon Mobil Metal Working Fluids Product and Services
- Table 11. Exxon Mobil Metal Working Fluids Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 12. Exxon Mobil Recent Developments/Updates
- Table 13. Fuchs Basic Information, Manufacturing Base and Competitors
- Table 14. Fuchs Major Business
- Table 15. Fuchs Metal Working Fluids Product and Services
- Table 16. Fuchs Metal Working Fluids Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 17. Fuchs Recent Developments/Updates
- Table 18. BP Castrol Basic Information, Manufacturing Base and Competitors
- Table 19. BP Castrol Major Business
- Table 20. BP Castrol Metal Working Fluids Product and Services
- Table 21. BP Castrol Metal Working Fluids Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 22. BP Castrol Recent Developments/Updates
- Table 23. Henkel Basic Information, Manufacturing Base and Competitors
- Table 24. Henkel Major Business
- Table 25. Henkel Metal Working Fluids Product and Services
- Table 26. Henkel Metal Working Fluids Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 27. Henkel Recent Developments/Updates
- Table 28. Yushiro Chemical Basic Information, Manufacturing Base and Competitors

- Table 29. Yushiro Chemical Major Business
- Table 30. Yushiro Chemical Metal Working Fluids Product and Services
- Table 31. Yushiro Chemical Metal Working Fluids Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 32. Yushiro Chemical Recent Developments/Updates
- Table 33. Idemitsu Kosan Basic Information, Manufacturing Base and Competitors
- Table 34. Idemitsu Kosan Major Business
- Table 35. Idemitsu Kosan Metal Working Fluids Product and Services
- Table 36. Idemitsu Kosan Metal Working Fluids Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 37. Idemitsu Kosan Recent Developments/Updates
- Table 38. Blaser Swissslube Basic Information, Manufacturing Base and Competitors
- Table 39. Blaser Swissslube Major Business
- Table 40. Blaser Swissslube Metal Working Fluids Product and Services
- Table 41. Blaser Swissslube Metal Working Fluids Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 42. Blaser Swissslube Recent Developments/Updates
- Table 43. TotalEnergies Basic Information, Manufacturing Base and Competitors
- Table 44. TotalEnergies Major Business
- Table 45. TotalEnergies Metal Working Fluids Product and Services
- Table 46. TotalEnergies Metal Working Fluids Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 47. TotalEnergies Recent Developments/Updates
- Table 48. Petrofer Basic Information, Manufacturing Base and Competitors
- Table 49. Petrofer Major Business
- Table 50. Petrofer Metal Working Fluids Product and Services
- Table 51. Petrofer Metal Working Fluids Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 52. Petrofer Recent Developments/Updates
- Table 53. Master Fluid Solutions Basic Information, Manufacturing Base and Competitors
- Table 54. Master Fluid Solutions Major Business
- Table 55. Master Fluid Solutions Metal Working Fluids Product and Services
- Table 56. Master Fluid Solutions Metal Working Fluids Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 57. Master Fluid Solutions Recent Developments/Updates
- Table 58. LUKOIL Basic Information, Manufacturing Base and Competitors
- Table 59. LUKOIL Major Business
- Table 60. LUKOIL Metal Working Fluids Product and Services



Table 61. LUKOIL Metal Working Fluids Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 62. LUKOIL Recent Developments/Updates

Table 63. Chervon Basic Information, Manufacturing Base and Competitors

Table 64. Chervon Major Business

Table 65. Chervon Metal Working Fluids Product and Services

Table 66. Chervon Metal Working Fluids Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 67. Chervon Recent Developments/Updates

Table 68. SINOPEC Basic Information, Manufacturing Base and Competitors

Table 69. SINOPEC Major Business

Table 70. SINOPEC Metal Working Fluids Product and Services

Table 71. SINOPEC Metal Working Fluids Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 72. SINOPEC Recent Developments/Updates

Table 73. Cimcool Industrial Products Basic Information, Manufacturing Base and Competitors

Table 74. Cimcool Industrial Products Major Business

Table 75. Cimcool Industrial Products Metal Working Fluids Product and Services

Table 76. Cimcool Industrial Products Metal Working Fluids Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 77. Cimcool Industrial Products Recent Developments/Updates

Table 78. ENEOS Corporation Basic Information, Manufacturing Base and Competitors

Table 79. ENEOS Corporation Major Business

Table 80. ENEOS Corporation Metal Working Fluids Product and Services

Table 81. ENEOS Corporation Metal Working Fluids Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 82. ENEOS Corporation Recent Developments/Updates

Table 83. Cosmo Oil Lubricants Basic Information, Manufacturing Base and Competitors

Table 84. Cosmo Oil Lubricants Major Business

Table 85. Cosmo Oil Lubricants Metal Working Fluids Product and Services

Table 86. Cosmo Oil Lubricants Metal Working Fluids Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 87. Cosmo Oil Lubricants Recent Developments/Updates

Table 88. Indian Oil Corporation Basic Information, Manufacturing Base and Competitors

Table 89. Indian Oil Corporation Major Business

- Table 90. Indian Oil Corporation Metal Working Fluids Product and Services
- Table 91. Indian Oil Corporation Metal Working Fluids Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 92. Indian Oil Corporation Recent Developments/Updates
- Table 93. Chemetall Basic Information, Manufacturing Base and Competitors
- Table 94. Chemetall Major Business
- Table 95. Chemetall Metal Working Fluids Product and Services
- Table 96. Chemetall Metal Working Fluids Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 97. Chemetall Recent Developments/Updates
- Table 98. Ashburn Chemical Technologies Basic Information, Manufacturing Base and Competitors
- Table 99. Ashburn Chemical Technologies Major Business
- Table 100. Ashburn Chemical Technologies Metal Working Fluids Product and Services
- Table 101. Ashburn Chemical Technologies Metal Working Fluids Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 102. Ashburn Chemical Technologies Recent Developments/Updates
- Table 103. Global Metal Working Fluids Sales Quantity by Manufacturer (2019-2024) & (K MT)
- Table 104. Global Metal Working Fluids Revenue by Manufacturer (2019-2024) & (USD Million)
- Table 105. Global Metal Working Fluids Average Price by Manufacturer (2019-2024) & (USD/MT)
- Table 106. Market Position of Manufacturers in Metal Working Fluids, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023
- Table 107. Head Office and Metal Working Fluids Production Site of Key Manufacturer
- Table 108. Metal Working Fluids Market: Company Product Type Footprint
- Table 109. Metal Working Fluids Market: Company Product Application Footprint
- Table 110. Metal Working Fluids New Market Entrants and Barriers to Market Entry
- Table 111. Metal Working Fluids Mergers, Acquisition, Agreements, and Collaborations
- Table 112. Global Metal Working Fluids Sales Quantity by Region (2019-2024) & (K MT)
- Table 113. Global Metal Working Fluids Sales Quantity by Region (2025-2030) & (K MT)
- Table 114. Global Metal Working Fluids Consumption Value by Region (2019-2024) & (USD Million)
- Table 115. Global Metal Working Fluids Consumption Value by Region (2025-2030) & (USD Million)

Table 116. Global Metal Working Fluids Average Price by Region (2019-2024) & (USD/MT)

Table 117. Global Metal Working Fluids Average Price by Region (2025-2030) & (USD/MT)

Table 118. Global Metal Working Fluids Sales Quantity by Type (2019-2024) & (K MT)

Table 119. Global Metal Working Fluids Sales Quantity by Type (2025-2030) & (K MT)

Table 120. Global Metal Working Fluids Consumption Value by Type (2019-2024) & (USD Million)

Table 121. Global Metal Working Fluids Consumption Value by Type (2025-2030) & (USD Million)

Table 122. Global Metal Working Fluids Average Price by Type (2019-2024) & (USD/MT)

Table 123. Global Metal Working Fluids Average Price by Type (2025-2030) & (USD/MT)

Table 124. Global Metal Working Fluids Sales Quantity by Application (2019-2024) & (K MT)

Table 125. Global Metal Working Fluids Sales Quantity by Application (2025-2030) & (K MT)

Table 126. Global Metal Working Fluids Consumption Value by Application (2019-2024) & (USD Million)

Table 127. Global Metal Working Fluids Consumption Value by Application (2025-2030) & (USD Million)

Table 128. Global Metal Working Fluids Average Price by Application (2019-2024) & (USD/MT)

Table 129. Global Metal Working Fluids Average Price by Application (2025-2030) & (USD/MT)

Table 130. North America Metal Working Fluids Sales Quantity by Type (2019-2024) & (K MT)

Table 131. North America Metal Working Fluids Sales Quantity by Type (2025-2030) & (K MT)

Table 132. North America Metal Working Fluids Sales Quantity by Application (2019-2024) & (K MT)

Table 133. North America Metal Working Fluids Sales Quantity by Application (2025-2030) & (K MT)

Table 134. North America Metal Working Fluids Sales Quantity by Country (2019-2024) & (K MT)

Table 135. North America Metal Working Fluids Sales Quantity by Country (2025-2030) & (K MT)

Table 136. North America Metal Working Fluids Consumption Value by Country

(2019-2024) & (USD Million)

Table 137. North America Metal Working Fluids Consumption Value by Country

(2025-2030) & (USD Million)

Table 138. Europe Metal Working Fluids Sales Quantity by Type (2019-2024) & (K MT)

Table 139. Europe Metal Working Fluids Sales Quantity by Type (2025-2030) & (K MT)

Table 140. Europe Metal Working Fluids Sales Quantity by Application (2019-2024) & (K MT)

Table 141. Europe Metal Working Fluids Sales Quantity by Application (2025-2030) & (K MT)

Table 142. Europe Metal Working Fluids Sales Quantity by Country (2019-2024) & (K MT)

Table 143. Europe Metal Working Fluids Sales Quantity by Country (2025-2030) & (K MT)

Table 144. Europe Metal Working Fluids Consumption Value by Country (2019-2024) & (USD Million)

Table 145. Europe Metal Working Fluids Consumption Value by Country (2025-2030) & (USD Million)

Table 146. Asia-Pacific Metal Working Fluids Sales Quantity by Type (2019-2024) & (K MT)

Table 147. Asia-Pacific Metal Working Fluids Sales Quantity by Type (2025-2030) & (K MT)

Table 148. Asia-Pacific Metal Working Fluids Sales Quantity by Application (2019-2024) & (K MT)

Table 149. Asia-Pacific Metal Working Fluids Sales Quantity by Application (2025-2030) & (K MT)

Table 150. Asia-Pacific Metal Working Fluids Sales Quantity by Region (2019-2024) & (K MT)

Table 151. Asia-Pacific Metal Working Fluids Sales Quantity by Region (2025-2030) & (K MT)

Table 152. Asia-Pacific Metal Working Fluids Consumption Value by Region (2019-2024) & (USD Million)

Table 153. Asia-Pacific Metal Working Fluids Consumption Value by Region (2025-2030) & (USD Million)

Table 154. South America Metal Working Fluids Sales Quantity by Type (2019-2024) & (K MT)

Table 155. South America Metal Working Fluids Sales Quantity by Type (2025-2030) & (K MT)

Table 156. South America Metal Working Fluids Sales Quantity by Application (2019-2024) & (K MT)

Table 157. South America Metal Working Fluids Sales Quantity by Application (2025-2030) & (K MT)

Table 158. South America Metal Working Fluids Sales Quantity by Country (2019-2024) & (K MT)

Table 159. South America Metal Working Fluids Sales Quantity by Country (2025-2030) & (K MT)

Table 160. South America Metal Working Fluids Consumption Value by Country (2019-2024) & (USD Million)

Table 161. South America Metal Working Fluids Consumption Value by Country (2025-2030) & (USD Million)

Table 162. Middle East & Africa Metal Working Fluids Sales Quantity by Type (2019-2024) & (K MT)

Table 163. Middle East & Africa Metal Working Fluids Sales Quantity by Type (2025-2030) & (K MT)

Table 164. Middle East & Africa Metal Working Fluids Sales Quantity by Application (2019-2024) & (K MT)

Table 165. Middle East & Africa Metal Working Fluids Sales Quantity by Application (2025-2030) & (K MT)

Table 166. Middle East & Africa Metal Working Fluids Sales Quantity by Region (2019-2024) & (K MT)

Table 167. Middle East & Africa Metal Working Fluids Sales Quantity by Region (2025-2030) & (K MT)

Table 168. Middle East & Africa Metal Working Fluids Consumption Value by Region (2019-2024) & (USD Million)

Table 169. Middle East & Africa Metal Working Fluids Consumption Value by Region (2025-2030) & (USD Million)

Table 170. Metal Working Fluids Raw Material

Table 171. Key Manufacturers of Metal Working Fluids Raw Materials

Table 172. Metal Working Fluids Typical Distributors

Table 173. Metal Working Fluids Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Metal Working Fluids Picture

Figure 2. Global Metal Working Fluids Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Metal Working Fluids Consumption Value Market Share by Type in 2023

Figure 4. Metal Removal Fluids Examples

Figure 5. Metal Treating Fluids Examples

Figure 6. Metal Forming Fluids Examples

Figure 7. Metal Protecting Fluids Examples

Figure 8. Global Metal Working Fluids Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 9. Global Metal Working Fluids Consumption Value Market Share by Application in 2023

Figure 10. Machinery Examples

Figure 11. Automotive Examples

Figure 12. Others Examples

Figure 13. Global Metal Working Fluids Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 14. Global Metal Working Fluids Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 15. Global Metal Working Fluids Sales Quantity (2019-2030) & (K MT)

Figure 16. Global Metal Working Fluids Average Price (2019-2030) & (USD/MT)

Figure 17. Global Metal Working Fluids Sales Quantity Market Share by Manufacturer in 2023

Figure 18. Global Metal Working Fluids Consumption Value Market Share by Manufacturer in 2023

Figure 19. Producer Shipments of Metal Working Fluids by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 20. Top 3 Metal Working Fluids Manufacturer (Consumption Value) Market Share in 2023

Figure 21. Top 6 Metal Working Fluids Manufacturer (Consumption Value) Market Share in 2023

Figure 22. Global Metal Working Fluids Sales Quantity Market Share by Region (2019-2030)

Figure 23. Global Metal Working Fluids Consumption Value Market Share by Region

(2019-2030)

Figure 24. North America Metal Working Fluids Consumption Value (2019-2030) & (USD Million)

Figure 25. Europe Metal Working Fluids Consumption Value (2019-2030) & (USD Million)

Figure 26. Asia-Pacific Metal Working Fluids Consumption Value (2019-2030) & (USD Million)

Figure 27. South America Metal Working Fluids Consumption Value (2019-2030) & (USD Million)

Figure 28. Middle East & Africa Metal Working Fluids Consumption Value (2019-2030) & (USD Million)

Figure 29. Global Metal Working Fluids Sales Quantity Market Share by Type (2019-2030)

Figure 30. Global Metal Working Fluids Consumption Value Market Share by Type (2019-2030)

Figure 31. Global Metal Working Fluids Average Price by Type (2019-2030) & (USD/MT)

Figure 32. Global Metal Working Fluids Sales Quantity Market Share by Application (2019-2030)

Figure 33. Global Metal Working Fluids Consumption Value Market Share by Application (2019-2030)

Figure 34. Global Metal Working Fluids Average Price by Application (2019-2030) & (USD/MT)

Figure 35. North America Metal Working Fluids Sales Quantity Market Share by Type (2019-2030)

Figure 36. North America Metal Working Fluids Sales Quantity Market Share by Application (2019-2030)

Figure 37. North America Metal Working Fluids Sales Quantity Market Share by Country (2019-2030)

Figure 38. North America Metal Working Fluids Consumption Value Market Share by Country (2019-2030)

Figure 39. United States Metal Working Fluids Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 40. Canada Metal Working Fluids Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 41. Mexico Metal Working Fluids Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 42. Europe Metal Working Fluids Sales Quantity Market Share by Type (2019-2030)

Figure 43. Europe Metal Working Fluids Sales Quantity Market Share by Application (2019-2030)

Figure 44. Europe Metal Working Fluids Sales Quantity Market Share by Country (2019-2030)

Figure 45. Europe Metal Working Fluids Consumption Value Market Share by Country (2019-2030)

Figure 46. Germany Metal Working Fluids Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. France Metal Working Fluids Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. United Kingdom Metal Working Fluids Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. Russia Metal Working Fluids Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Italy Metal Working Fluids Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. Asia-Pacific Metal Working Fluids Sales Quantity Market Share by Type (2019-2030)

Figure 52. Asia-Pacific Metal Working Fluids Sales Quantity Market Share by Application (2019-2030)

Figure 53. Asia-Pacific Metal Working Fluids Sales Quantity Market Share by Region (2019-2030)

Figure 54. Asia-Pacific Metal Working Fluids Consumption Value Market Share by Region (2019-2030)

Figure 55. China Metal Working Fluids Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. Japan Metal Working Fluids Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Korea Metal Working Fluids Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. India Metal Working Fluids Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. Southeast Asia Metal Working Fluids Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. Australia Metal Working Fluids Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. South America Metal Working Fluids Sales Quantity Market Share by Type (2019-2030)

Figure 62. South America Metal Working Fluids Sales Quantity Market Share by



Application (2019-2030)

Figure 63. South America Metal Working Fluids Sales Quantity Market Share by Country (2019-2030)

Figure 64. South America Metal Working Fluids Consumption Value Market Share by Country (2019-2030)

Figure 65. Brazil Metal Working Fluids Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 66. Argentina Metal Working Fluids Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 67. Middle East & Africa Metal Working Fluids Sales Quantity Market Share by Type (2019-2030)

Figure 68. Middle East & Africa Metal Working Fluids Sales Quantity Market Share by Application (2019-2030)

Figure 69. Middle East & Africa Metal Working Fluids Sales Quantity Market Share by Region (2019-2030)

Figure 70. Middle East & Africa Metal Working Fluids Consumption Value Market Share by Region (2019-2030)

Figure 71. Turkey Metal Working Fluids Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 72. Egypt Metal Working Fluids Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. Saudi Arabia Metal Working Fluids Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. South Africa Metal Working Fluids Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. Metal Working Fluids Market Drivers

Figure 76. Metal Working Fluids Market Restraints

Figure 77. Metal Working Fluids Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Metal Working Fluids in 2023

Figure 80. Manufacturing Process Analysis of Metal Working Fluids

Figure 81. Metal Working Fluids Industrial Chain

Figure 82. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source

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