

Global Metal Working Fluids Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GCACF2930118EN.html>

Date: June 2023

Pages: 129

Price: US\$ 4,480.00 (Single User License)

ID: GCACF2930118EN

Abstracts

The global Metal Working Fluids market size is expected to reach \$ 9150.9 million by 2029, rising at a market growth of 1.0% CAGR during the forecast period (2023-2029).

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.

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).

This report studies the global Metal Working Fluids production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Metal

Working Fluids, 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 Metal Working Fluids that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Metal Working Fluids total production and demand, 2018-2029, (K MT)

Global Metal Working Fluids total production value, 2018-2029, (USD Million)

Global Metal Working Fluids production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K MT)

Global Metal Working Fluids consumption by region & country, CAGR, 2018-2029 & (K MT)

U.S. VS China: Metal Working Fluids domestic production, consumption, key domestic manufacturers and share

Global Metal Working Fluids production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K MT)

Global Metal Working Fluids production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K MT)

Global Metal Working Fluids production by Application production, value, CAGR, 2018-2029, (USD Million) & (K MT)

This reports profiles key players in the global Metal Working Fluids 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 Quaker Houghton, Exxon Mobil, Fuchs, BP Castrol, Henkel, Yushiro Chemical, Idemitsu Kosan, Blaser Swisslube and TotalEnergies, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Metal Working Fluids market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K MT) and average price (USD/MT) 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 Metal Working Fluids Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Metal Working Fluids Market, Segmentation by Type

Metal Removal Fluids

Metal Treating Fluids

Metal Forming Fluids

Metal Protecting Fluids

Global Metal Working Fluids Market, Segmentation by Application

Machinery

Automotive

Others

Companies Profiled:

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

Key Questions Answered

1. How big is the global Metal Working Fluids market?
2. What is the demand of the global Metal Working Fluids market?
3. What is the year over year growth of the global Metal Working Fluids market?
4. What is the production and production value of the global Metal Working Fluids market?
5. Who are the key producers in the global Metal Working Fluids market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Metal Working Fluids Introduction
- 1.2 World Metal Working Fluids Supply & Forecast
 - 1.2.1 World Metal Working Fluids Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Metal Working Fluids Production (2018-2029)
 - 1.2.3 World Metal Working Fluids Pricing Trends (2018-2029)
- 1.3 World Metal Working Fluids Production by Region (Based on Production Site)
 - 1.3.1 World Metal Working Fluids Production Value by Region (2018-2029)
 - 1.3.2 World Metal Working Fluids Production by Region (2018-2029)
 - 1.3.3 World Metal Working Fluids Average Price by Region (2018-2029)
 - 1.3.4 North America Metal Working Fluids Production (2018-2029)
 - 1.3.5 Europe Metal Working Fluids Production (2018-2029)
 - 1.3.6 China Metal Working Fluids Production (2018-2029)
 - 1.3.7 Japan Metal Working Fluids Production (2018-2029)
 - 1.3.8 India Metal Working Fluids Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Metal Working Fluids Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Metal Working Fluids Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World Metal Working Fluids Demand (2018-2029)
- 2.2 World Metal Working Fluids Consumption by Region
 - 2.2.1 World Metal Working Fluids Consumption by Region (2018-2023)
 - 2.2.2 World Metal Working Fluids Consumption Forecast by Region (2024-2029)
- 2.3 United States Metal Working Fluids Consumption (2018-2029)
- 2.4 China Metal Working Fluids Consumption (2018-2029)
- 2.5 Europe Metal Working Fluids Consumption (2018-2029)
- 2.6 Japan Metal Working Fluids Consumption (2018-2029)
- 2.7 South Korea Metal Working Fluids Consumption (2018-2029)
- 2.8 ASEAN Metal Working Fluids Consumption (2018-2029)
- 2.9 India Metal Working Fluids Consumption (2018-2029)

3 WORLD METAL WORKING FLUIDS MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Metal Working Fluids Production Value by Manufacturer (2018-2023)
- 3.2 World Metal Working Fluids Production by Manufacturer (2018-2023)
- 3.3 World Metal Working Fluids Average Price by Manufacturer (2018-2023)
- 3.4 Metal Working Fluids Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Metal Working Fluids Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Metal Working Fluids in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Metal Working Fluids in 2022
- 3.6 Metal Working Fluids Market: Overall Company Footprint Analysis
 - 3.6.1 Metal Working Fluids Market: Region Footprint
 - 3.6.2 Metal Working Fluids Market: Company Product Type Footprint
 - 3.6.3 Metal Working Fluids Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Metal Working Fluids Production Value Comparison
 - 4.1.1 United States VS China: Metal Working Fluids Production Value Comparison (2018 & 2022 & 2029)
 - 4.1.2 United States VS China: Metal Working Fluids Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Metal Working Fluids Production Comparison
 - 4.2.1 United States VS China: Metal Working Fluids Production Comparison (2018 & 2022 & 2029)
 - 4.2.2 United States VS China: Metal Working Fluids Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Metal Working Fluids Consumption Comparison
 - 4.3.1 United States VS China: Metal Working Fluids Consumption Comparison (2018 & 2022 & 2029)
 - 4.3.2 United States VS China: Metal Working Fluids Consumption Market Share

Comparison (2018 & 2022 & 2029)

4.4 United States Based Metal Working Fluids Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Metal Working Fluids Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Metal Working Fluids Production Value (2018-2023)

4.4.3 United States Based Manufacturers Metal Working Fluids Production (2018-2023)

4.5 China Based Metal Working Fluids Manufacturers and Market Share

4.5.1 China Based Metal Working Fluids Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Metal Working Fluids Production Value (2018-2023)

4.5.3 China Based Manufacturers Metal Working Fluids Production (2018-2023)

4.6 Rest of World Based Metal Working Fluids Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Metal Working Fluids Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Metal Working Fluids Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Metal Working Fluids Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Metal Working Fluids Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Metal Removal Fluids

5.2.2 Metal Treating Fluids

5.2.3 Metal Forming Fluids

5.2.4 Metal Protecting Fluids

5.3 Market Segment by Type

5.3.1 World Metal Working Fluids Production by Type (2018-2029)

5.3.2 World Metal Working Fluids Production Value by Type (2018-2029)

5.3.3 World Metal Working Fluids Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Metal Working Fluids Market Size Overview by Application: 2018 VS 2022 VS

2029

6.2 Segment Introduction by Application

- 6.2.1 Machinery
- 6.2.2 Automotive
- 6.2.3 Others

6.3 Market Segment by Application

- 6.3.1 World Metal Working Fluids Production by Application (2018-2029)
- 6.3.2 World Metal Working Fluids Production Value by Application (2018-2029)
- 6.3.3 World Metal Working Fluids Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 Quaker Houghton

- 7.1.1 Quaker Houghton Details
- 7.1.2 Quaker Houghton Major Business
- 7.1.3 Quaker Houghton Metal Working Fluids Product and Services
- 7.1.4 Quaker Houghton Metal Working Fluids Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.1.5 Quaker Houghton Recent Developments/Updates
- 7.1.6 Quaker Houghton Competitive Strengths & Weaknesses

7.2 Exxon Mobil

- 7.2.1 Exxon Mobil Details
- 7.2.2 Exxon Mobil Major Business
- 7.2.3 Exxon Mobil Metal Working Fluids Product and Services
- 7.2.4 Exxon Mobil Metal Working Fluids Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.2.5 Exxon Mobil Recent Developments/Updates
- 7.2.6 Exxon Mobil Competitive Strengths & Weaknesses

7.3 Fuchs

- 7.3.1 Fuchs Details
- 7.3.2 Fuchs Major Business
- 7.3.3 Fuchs Metal Working Fluids Product and Services
- 7.3.4 Fuchs Metal Working Fluids Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.3.5 Fuchs Recent Developments/Updates
- 7.3.6 Fuchs Competitive Strengths & Weaknesses

7.4 BP Castrol

- 7.4.1 BP Castrol Details
- 7.4.2 BP Castrol Major Business

- 7.4.3 BP Castrol Metal Working Fluids Product and Services
- 7.4.4 BP Castrol Metal Working Fluids Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.4.5 BP Castrol Recent Developments/Updates
- 7.4.6 BP Castrol Competitive Strengths & Weaknesses
- 7.5 Henkel
 - 7.5.1 Henkel Details
 - 7.5.2 Henkel Major Business
 - 7.5.3 Henkel Metal Working Fluids Product and Services
 - 7.5.4 Henkel Metal Working Fluids Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 Henkel Recent Developments/Updates
 - 7.5.6 Henkel Competitive Strengths & Weaknesses
- 7.6 Yushiro Chemical
 - 7.6.1 Yushiro Chemical Details
 - 7.6.2 Yushiro Chemical Major Business
 - 7.6.3 Yushiro Chemical Metal Working Fluids Product and Services
 - 7.6.4 Yushiro Chemical Metal Working Fluids Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 Yushiro Chemical Recent Developments/Updates
 - 7.6.6 Yushiro Chemical Competitive Strengths & Weaknesses
- 7.7 Idemitsu Kosan
 - 7.7.1 Idemitsu Kosan Details
 - 7.7.2 Idemitsu Kosan Major Business
 - 7.7.3 Idemitsu Kosan Metal Working Fluids Product and Services
 - 7.7.4 Idemitsu Kosan Metal Working Fluids Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 Idemitsu Kosan Recent Developments/Updates
 - 7.7.6 Idemitsu Kosan Competitive Strengths & Weaknesses
- 7.8 Blaser Swissslube
 - 7.8.1 Blaser Swissslube Details
 - 7.8.2 Blaser Swissslube Major Business
 - 7.8.3 Blaser Swissslube Metal Working Fluids Product and Services
 - 7.8.4 Blaser Swissslube Metal Working Fluids Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.8.5 Blaser Swissslube Recent Developments/Updates
 - 7.8.6 Blaser Swissslube Competitive Strengths & Weaknesses
- 7.9 TotalEnergies
 - 7.9.1 TotalEnergies Details

- 7.9.2 TotalEnergies Major Business
- 7.9.3 TotalEnergies Metal Working Fluids Product and Services
- 7.9.4 TotalEnergies Metal Working Fluids Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.9.5 TotalEnergies Recent Developments/Updates
- 7.9.6 TotalEnergies Competitive Strengths & Weaknesses
- 7.10 Petrofer
 - 7.10.1 Petrofer Details
 - 7.10.2 Petrofer Major Business
 - 7.10.3 Petrofer Metal Working Fluids Product and Services
 - 7.10.4 Petrofer Metal Working Fluids Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.10.5 Petrofer Recent Developments/Updates
 - 7.10.6 Petrofer Competitive Strengths & Weaknesses
- 7.11 Master Fluid Solutions
 - 7.11.1 Master Fluid Solutions Details
 - 7.11.2 Master Fluid Solutions Major Business
 - 7.11.3 Master Fluid Solutions Metal Working Fluids Product and Services
 - 7.11.4 Master Fluid Solutions Metal Working Fluids Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.11.5 Master Fluid Solutions Recent Developments/Updates
 - 7.11.6 Master Fluid Solutions Competitive Strengths & Weaknesses
- 7.12 LUKOIL
 - 7.12.1 LUKOIL Details
 - 7.12.2 LUKOIL Major Business
 - 7.12.3 LUKOIL Metal Working Fluids Product and Services
 - 7.12.4 LUKOIL Metal Working Fluids Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.12.5 LUKOIL Recent Developments/Updates
 - 7.12.6 LUKOIL Competitive Strengths & Weaknesses
- 7.13 Chervon
 - 7.13.1 Chervon Details
 - 7.13.2 Chervon Major Business
 - 7.13.3 Chervon Metal Working Fluids Product and Services
 - 7.13.4 Chervon Metal Working Fluids Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.13.5 Chervon Recent Developments/Updates
 - 7.13.6 Chervon Competitive Strengths & Weaknesses
- 7.14 SINOPEC

- 7.14.1 SINOPEC Details
- 7.14.2 SINOPEC Major Business
- 7.14.3 SINOPEC Metal Working Fluids Product and Services
- 7.14.4 SINOPEC Metal Working Fluids Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.14.5 SINOPEC Recent Developments/Updates
- 7.14.6 SINOPEC Competitive Strengths & Weaknesses
- 7.15 Cimcool Industrial Products
 - 7.15.1 Cimcool Industrial Products Details
 - 7.15.2 Cimcool Industrial Products Major Business
 - 7.15.3 Cimcool Industrial Products Metal Working Fluids Product and Services
 - 7.15.4 Cimcool Industrial Products Metal Working Fluids Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.15.5 Cimcool Industrial Products Recent Developments/Updates
 - 7.15.6 Cimcool Industrial Products Competitive Strengths & Weaknesses
- 7.16 ENEOS Corporation
 - 7.16.1 ENEOS Corporation Details
 - 7.16.2 ENEOS Corporation Major Business
 - 7.16.3 ENEOS Corporation Metal Working Fluids Product and Services
 - 7.16.4 ENEOS Corporation Metal Working Fluids Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.16.5 ENEOS Corporation Recent Developments/Updates
 - 7.16.6 ENEOS Corporation Competitive Strengths & Weaknesses
- 7.17 Cosmo Oil Lubricants
 - 7.17.1 Cosmo Oil Lubricants Details
 - 7.17.2 Cosmo Oil Lubricants Major Business
 - 7.17.3 Cosmo Oil Lubricants Metal Working Fluids Product and Services
 - 7.17.4 Cosmo Oil Lubricants Metal Working Fluids Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.17.5 Cosmo Oil Lubricants Recent Developments/Updates
 - 7.17.6 Cosmo Oil Lubricants Competitive Strengths & Weaknesses
- 7.18 Indian Oil Corporation
 - 7.18.1 Indian Oil Corporation Details
 - 7.18.2 Indian Oil Corporation Major Business
 - 7.18.3 Indian Oil Corporation Metal Working Fluids Product and Services
 - 7.18.4 Indian Oil Corporation Metal Working Fluids Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.18.5 Indian Oil Corporation Recent Developments/Updates
 - 7.18.6 Indian Oil Corporation Competitive Strengths & Weaknesses

7.19 Chemetall

7.19.1 Chemetall Details

7.19.2 Chemetall Major Business

7.19.3 Chemetall Metal Working Fluids Product and Services

7.19.4 Chemetall Metal Working Fluids Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.19.5 Chemetall Recent Developments/Updates

7.19.6 Chemetall Competitive Strengths & Weaknesses

7.20 Ashburn Chemical Technologies

7.20.1 Ashburn Chemical Technologies Details

7.20.2 Ashburn Chemical Technologies Major Business

7.20.3 Ashburn Chemical Technologies Metal Working Fluids Product and Services

7.20.4 Ashburn Chemical Technologies Metal Working Fluids Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.20.5 Ashburn Chemical Technologies Recent Developments/Updates

7.20.6 Ashburn Chemical Technologies Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Metal Working Fluids Industry Chain

8.2 Metal Working Fluids Upstream Analysis

8.2.1 Metal Working Fluids Core Raw Materials

8.2.2 Main Manufacturers of Metal Working Fluids Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Metal Working Fluids Production Mode

8.6 Metal Working Fluids Procurement Model

8.7 Metal Working Fluids Industry Sales Model and Sales Channels

8.7.1 Metal Working Fluids Sales Model

8.7.2 Metal Working Fluids Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Metal Working Fluids Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Metal Working Fluids Production Value by Region (2018-2023) & (USD Million)

Table 3. World Metal Working Fluids Production Value by Region (2024-2029) & (USD Million)

Table 4. World Metal Working Fluids Production Value Market Share by Region (2018-2023)

Table 5. World Metal Working Fluids Production Value Market Share by Region (2024-2029)

Table 6. World Metal Working Fluids Production by Region (2018-2023) & (K MT)

Table 7. World Metal Working Fluids Production by Region (2024-2029) & (K MT)

Table 8. World Metal Working Fluids Production Market Share by Region (2018-2023)

Table 9. World Metal Working Fluids Production Market Share by Region (2024-2029)

Table 10. World Metal Working Fluids Average Price by Region (2018-2023) & (USD/MT)

Table 11. World Metal Working Fluids Average Price by Region (2024-2029) & (USD/MT)

Table 12. Metal Working Fluids Major Market Trends

Table 13. World Metal Working Fluids Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K MT)

Table 14. World Metal Working Fluids Consumption by Region (2018-2023) & (K MT)

Table 15. World Metal Working Fluids Consumption Forecast by Region (2024-2029) & (K MT)

Table 16. World Metal Working Fluids Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Metal Working Fluids Producers in 2022

Table 18. World Metal Working Fluids Production by Manufacturer (2018-2023) & (K MT)

Table 19. Production Market Share of Key Metal Working Fluids Producers in 2022

Table 20. World Metal Working Fluids Average Price by Manufacturer (2018-2023) & (USD/MT)

Table 21. Global Metal Working Fluids Company Evaluation Quadrant

Table 22. World Metal Working Fluids Industry Rank of Major Manufacturers, Based on

Production Value in 2022

Table 23. Head Office and Metal Working Fluids Production Site of Key Manufacturer

Table 24. Metal Working Fluids Market: Company Product Type Footprint

Table 25. Metal Working Fluids Market: Company Product Application Footprint

Table 26. Metal Working Fluids Competitive Factors

Table 27. Metal Working Fluids New Entrant and Capacity Expansion Plans

Table 28. Metal Working Fluids Mergers & Acquisitions Activity

Table 29. United States VS China Metal Working Fluids Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Metal Working Fluids Production Comparison, (2018 & 2022 & 2029) & (K MT)

Table 31. United States VS China Metal Working Fluids Consumption Comparison, (2018 & 2022 & 2029) & (K MT)

Table 32. United States Based Metal Working Fluids Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Metal Working Fluids Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Metal Working Fluids Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Metal Working Fluids Production (2018-2023) & (K MT)

Table 36. United States Based Manufacturers Metal Working Fluids Production Market Share (2018-2023)

Table 37. China Based Metal Working Fluids Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Metal Working Fluids Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Metal Working Fluids Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Metal Working Fluids Production (2018-2023) & (K MT)

Table 41. China Based Manufacturers Metal Working Fluids Production Market Share (2018-2023)

Table 42. Rest of World Based Metal Working Fluids Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Metal Working Fluids Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Metal Working Fluids Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Metal Working Fluids Production (2018-2023) & (K MT)

Table 46. Rest of World Based Manufacturers Metal Working Fluids Production Market Share (2018-2023)

Table 47. World Metal Working Fluids Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Metal Working Fluids Production by Type (2018-2023) & (K MT)

Table 49. World Metal Working Fluids Production by Type (2024-2029) & (K MT)

Table 50. World Metal Working Fluids Production Value by Type (2018-2023) & (USD Million)

Table 51. World Metal Working Fluids Production Value by Type (2024-2029) & (USD Million)

Table 52. World Metal Working Fluids Average Price by Type (2018-2023) & (USD/MT)

Table 53. World Metal Working Fluids Average Price by Type (2024-2029) & (USD/MT)

Table 54. World Metal Working Fluids Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Metal Working Fluids Production by Application (2018-2023) & (K MT)

Table 56. World Metal Working Fluids Production by Application (2024-2029) & (K MT)

Table 57. World Metal Working Fluids Production Value by Application (2018-2023) & (USD Million)

Table 58. World Metal Working Fluids Production Value by Application (2024-2029) & (USD Million)

Table 59. World Metal Working Fluids Average Price by Application (2018-2023) & (USD/MT)

Table 60. World Metal Working Fluids Average Price by Application (2024-2029) & (USD/MT)

Table 61. Quaker Houghton Basic Information, Manufacturing Base and Competitors

Table 62. Quaker Houghton Major Business

Table 63. Quaker Houghton Metal Working Fluids Product and Services

Table 64. Quaker Houghton Metal Working Fluids Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Quaker Houghton Recent Developments/Updates

Table 66. Quaker Houghton Competitive Strengths & Weaknesses

Table 67. Exxon Mobil Basic Information, Manufacturing Base and Competitors

Table 68. Exxon Mobil Major Business

Table 69. Exxon Mobil Metal Working Fluids Product and Services

Table 70. Exxon Mobil Metal Working Fluids Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Exxon Mobil Recent Developments/Updates

Table 72. Exxon Mobil Competitive Strengths & Weaknesses

Table 73. Fuchs Basic Information, Manufacturing Base and Competitors

Table 74. Fuchs Major Business

Table 75. Fuchs Metal Working Fluids Product and Services

Table 76. Fuchs Metal Working Fluids Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Fuchs Recent Developments/Updates

Table 78. Fuchs Competitive Strengths & Weaknesses

Table 79. BP Castrol Basic Information, Manufacturing Base and Competitors

Table 80. BP Castrol Major Business

Table 81. BP Castrol Metal Working Fluids Product and Services

Table 82. BP Castrol Metal Working Fluids Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. BP Castrol Recent Developments/Updates

Table 84. BP Castrol Competitive Strengths & Weaknesses

Table 85. Henkel Basic Information, Manufacturing Base and Competitors

Table 86. Henkel Major Business

Table 87. Henkel Metal Working Fluids Product and Services

Table 88. Henkel Metal Working Fluids Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Henkel Recent Developments/Updates

Table 90. Henkel Competitive Strengths & Weaknesses

Table 91. Yushiro Chemical Basic Information, Manufacturing Base and Competitors

Table 92. Yushiro Chemical Major Business

Table 93. Yushiro Chemical Metal Working Fluids Product and Services

Table 94. Yushiro Chemical Metal Working Fluids Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Yushiro Chemical Recent Developments/Updates

Table 96. Yushiro Chemical Competitive Strengths & Weaknesses

Table 97. Idemitsu Kosan Basic Information, Manufacturing Base and Competitors

Table 98. Idemitsu Kosan Major Business

Table 99. Idemitsu Kosan Metal Working Fluids Product and Services

Table 100. Idemitsu Kosan Metal Working Fluids Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Idemitsu Kosan Recent Developments/Updates

Table 102. Idemitsu Kosan Competitive Strengths & Weaknesses

Table 103. Blaser Swissslube Basic Information, Manufacturing Base and Competitors

Table 104. Blaser Swissslube Major Business

Table 105. Blaser Swissslube Metal Working Fluids Product and Services

- Table 106. Blaser Swissslube Metal Working Fluids Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. Blaser Swissslube Recent Developments/Updates
- Table 108. Blaser Swissslube Competitive Strengths & Weaknesses
- Table 109. TotalEnergies Basic Information, Manufacturing Base and Competitors
- Table 110. TotalEnergies Major Business
- Table 111. TotalEnergies Metal Working Fluids Product and Services
- Table 112. TotalEnergies Metal Working Fluids Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. TotalEnergies Recent Developments/Updates
- Table 114. TotalEnergies Competitive Strengths & Weaknesses
- Table 115. Petrofer Basic Information, Manufacturing Base and Competitors
- Table 116. Petrofer Major Business
- Table 117. Petrofer Metal Working Fluids Product and Services
- Table 118. Petrofer Metal Working Fluids Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 119. Petrofer Recent Developments/Updates
- Table 120. Petrofer Competitive Strengths & Weaknesses
- Table 121. Master Fluid Solutions Basic Information, Manufacturing Base and Competitors
- Table 122. Master Fluid Solutions Major Business
- Table 123. Master Fluid Solutions Metal Working Fluids Product and Services
- Table 124. Master Fluid Solutions Metal Working Fluids Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 125. Master Fluid Solutions Recent Developments/Updates
- Table 126. Master Fluid Solutions Competitive Strengths & Weaknesses
- Table 127. LUKOIL Basic Information, Manufacturing Base and Competitors
- Table 128. LUKOIL Major Business
- Table 129. LUKOIL Metal Working Fluids Product and Services
- Table 130. LUKOIL Metal Working Fluids Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 131. LUKOIL Recent Developments/Updates
- Table 132. LUKOIL Competitive Strengths & Weaknesses
- Table 133. Chervon Basic Information, Manufacturing Base and Competitors
- Table 134. Chervon Major Business
- Table 135. Chervon Metal Working Fluids Product and Services
- Table 136. Chervon Metal Working Fluids Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

- Table 137. Chervon Recent Developments/Updates
- Table 138. Chervon Competitive Strengths & Weaknesses
- Table 139. SINOPEC Basic Information, Manufacturing Base and Competitors
- Table 140. SINOPEC Major Business
- Table 141. SINOPEC Metal Working Fluids Product and Services
- Table 142. SINOPEC Metal Working Fluids Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 143. SINOPEC Recent Developments/Updates
- Table 144. SINOPEC Competitive Strengths & Weaknesses
- Table 145. Cimcool Industrial Products Basic Information, Manufacturing Base and Competitors
- Table 146. Cimcool Industrial Products Major Business
- Table 147. Cimcool Industrial Products Metal Working Fluids Product and Services
- Table 148. Cimcool Industrial Products Metal Working Fluids Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 149. Cimcool Industrial Products Recent Developments/Updates
- Table 150. Cimcool Industrial Products Competitive Strengths & Weaknesses
- Table 151. ENEOS Corporation Basic Information, Manufacturing Base and Competitors
- Table 152. ENEOS Corporation Major Business
- Table 153. ENEOS Corporation Metal Working Fluids Product and Services
- Table 154. ENEOS Corporation Metal Working Fluids Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 155. ENEOS Corporation Recent Developments/Updates
- Table 156. ENEOS Corporation Competitive Strengths & Weaknesses
- Table 157. Cosmo Oil Lubricants Basic Information, Manufacturing Base and Competitors
- Table 158. Cosmo Oil Lubricants Major Business
- Table 159. Cosmo Oil Lubricants Metal Working Fluids Product and Services
- Table 160. Cosmo Oil Lubricants Metal Working Fluids Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 161. Cosmo Oil Lubricants Recent Developments/Updates
- Table 162. Cosmo Oil Lubricants Competitive Strengths & Weaknesses
- Table 163. Indian Oil Corporation Basic Information, Manufacturing Base and Competitors
- Table 164. Indian Oil Corporation Major Business

- Table 165. Indian Oil Corporation Metal Working Fluids Product and Services
- Table 166. Indian Oil Corporation Metal Working Fluids Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 167. Indian Oil Corporation Recent Developments/Updates
- Table 168. Indian Oil Corporation Competitive Strengths & Weaknesses
- Table 169. Chemetall Basic Information, Manufacturing Base and Competitors
- Table 170. Chemetall Major Business
- Table 171. Chemetall Metal Working Fluids Product and Services
- Table 172. Chemetall Metal Working Fluids Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 173. Chemetall Recent Developments/Updates
- Table 174. Ashburn Chemical Technologies Basic Information, Manufacturing Base and Competitors
- Table 175. Ashburn Chemical Technologies Major Business
- Table 176. Ashburn Chemical Technologies Metal Working Fluids Product and Services
- Table 177. Ashburn Chemical Technologies Metal Working Fluids Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 178. Global Key Players of Metal Working Fluids Upstream (Raw Materials)
- Table 179. Metal Working Fluids Typical Customers
- Table 180. Metal Working Fluids Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Metal Working Fluids Picture

Figure 2. World Metal Working Fluids Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Metal Working Fluids Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Metal Working Fluids Production (2018-2029) & (K MT)

Figure 5. World Metal Working Fluids Average Price (2018-2029) & (USD/MT)

Figure 6. World Metal Working Fluids Production Value Market Share by Region (2018-2029)

Figure 7. World Metal Working Fluids Production Market Share by Region (2018-2029)

Figure 8. North America Metal Working Fluids Production (2018-2029) & (K MT)

Figure 9. Europe Metal Working Fluids Production (2018-2029) & (K MT)

Figure 10. China Metal Working Fluids Production (2018-2029) & (K MT)

Figure 11. Japan Metal Working Fluids Production (2018-2029) & (K MT)

Figure 12. India Metal Working Fluids Production (2018-2029) & (K MT)

Figure 13. Metal Working Fluids Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Metal Working Fluids Consumption (2018-2029) & (K MT)

Figure 16. World Metal Working Fluids Consumption Market Share by Region (2018-2029)

Figure 17. United States Metal Working Fluids Consumption (2018-2029) & (K MT)

Figure 18. China Metal Working Fluids Consumption (2018-2029) & (K MT)

Figure 19. Europe Metal Working Fluids Consumption (2018-2029) & (K MT)

Figure 20. Japan Metal Working Fluids Consumption (2018-2029) & (K MT)

Figure 21. South Korea Metal Working Fluids Consumption (2018-2029) & (K MT)

Figure 22. ASEAN Metal Working Fluids Consumption (2018-2029) & (K MT)

Figure 23. India Metal Working Fluids Consumption (2018-2029) & (K MT)

Figure 24. Producer Shipments of Metal Working Fluids by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Metal Working Fluids Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Metal Working Fluids Markets in 2022

Figure 27. United States VS China: Metal Working Fluids Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Metal Working Fluids Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Metal Working Fluids Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Metal Working Fluids Production Market Share 2022

Figure 31. China Based Manufacturers Metal Working Fluids Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Metal Working Fluids Production Market Share 2022

Figure 33. World Metal Working Fluids Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Metal Working Fluids Production Value Market Share by Type in 2022

Figure 35. Metal Removal Fluids

Figure 36. Metal Treating Fluids

Figure 37. Metal Forming Fluids

Figure 38. Metal Protecting Fluids

Figure 39. World Metal Working Fluids Production Market Share by Type (2018-2029)

Figure 40. World Metal Working Fluids Production Value Market Share by Type (2018-2029)

Figure 41. World Metal Working Fluids Average Price by Type (2018-2029) & (USD/MT)

Figure 42. World Metal Working Fluids Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 43. World Metal Working Fluids Production Value Market Share by Application in 2022

Figure 44. Machinery

Figure 45. Automotive

Figure 46. Others

Figure 47. World Metal Working Fluids Production Market Share by Application (2018-2029)

Figure 48. World Metal Working Fluids Production Value Market Share by Application (2018-2029)

Figure 49. World Metal Working Fluids Average Price by Application (2018-2029) & (USD/MT)

Figure 50. Metal Working Fluids Industry Chain

Figure 51. Metal Working Fluids Procurement Model

Figure 52. Metal Working Fluids Sales Model

Figure 53. Metal Working Fluids Sales Channels, Direct Sales, and Distribution

Figure 54. Methodology

Figure 55. Research Process and Data Source

I would like to order

Product name: Global Metal Working Fluids Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GCACF2930118EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GCACF2930118EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970