

Global Formaldehyde-Free Metalworking Fluid Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GD1CC1203699EN.html>

Date: August 2023

Pages: 110

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

ID: GD1CC1203699EN

Abstracts

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

This report studies the global Formaldehyde-Free Metalworking Fluid production, demand, key manufacturers, and key regions.

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

Highlights and key features of the study

Global Formaldehyde-Free Metalworking Fluid total production and demand, 2018-2029, (Tons)

Global Formaldehyde-Free Metalworking Fluid total production value, 2018-2029, (USD Million)

Global Formaldehyde-Free Metalworking Fluid production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Formaldehyde-Free Metalworking Fluid consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Formaldehyde-Free Metalworking Fluid domestic production, consumption, key domestic manufacturers and share

Global Formaldehyde-Free Metalworking Fluid production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Formaldehyde-Free Metalworking Fluid production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Formaldehyde-Free Metalworking Fluid production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons).

This reports profiles key players in the global Formaldehyde-Free Metalworking Fluid market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Quaker Houghton, Henkel, Total, Castrol, ENEOS Corporation, Fuchs Petrolub SE, Petrofer, Thor and Rhenus Lub, 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 Formaldehyde-Free Metalworking Fluid market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) 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 Formaldehyde-Free Metalworking Fluid Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Formaldehyde-Free Metalworking Fluid Market, Segmentation by Type

Semi-synthetic Cutting Fluid

Full Synthetic Cutting Fluid

Global Formaldehyde-Free Metalworking Fluid Market, Segmentation by Application

Machinery

Automotive

3C

Others

Companies Profiled:

Quaker Houghton

Henkel

Total

Castrol

ENEOS Corporation

Fuchs Petrolub SE

Petrofer

Thor

Rhenus Lub

Millers Oils

Master Fluid Solutions

Nanjing Kerun Lubricants

Dongguan Yaguang Grinding Machinery

Key Questions Answered

1. How big is the global Formaldehyde-Free Metalworking Fluid market?
2. What is the demand of the global Formaldehyde-Free Metalworking Fluid market?
3. What is the year over year growth of the global Formaldehyde-Free Metalworking Fluid market?
4. What is the production and production value of the global Formaldehyde-Free Metalworking Fluid market?
5. Who are the key producers in the global Formaldehyde-Free Metalworking Fluid market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Formaldehyde-Free Metalworking Fluid Introduction
- 1.2 World Formaldehyde-Free Metalworking Fluid Supply & Forecast
 - 1.2.1 World Formaldehyde-Free Metalworking Fluid Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Formaldehyde-Free Metalworking Fluid Production (2018-2029)
 - 1.2.3 World Formaldehyde-Free Metalworking Fluid Pricing Trends (2018-2029)
- 1.3 World Formaldehyde-Free Metalworking Fluid Production by Region (Based on Production Site)
 - 1.3.1 World Formaldehyde-Free Metalworking Fluid Production Value by Region (2018-2029)
 - 1.3.2 World Formaldehyde-Free Metalworking Fluid Production by Region (2018-2029)
 - 1.3.3 World Formaldehyde-Free Metalworking Fluid Average Price by Region (2018-2029)
 - 1.3.4 North America Formaldehyde-Free Metalworking Fluid Production (2018-2029)
 - 1.3.5 Europe Formaldehyde-Free Metalworking Fluid Production (2018-2029)
 - 1.3.6 China Formaldehyde-Free Metalworking Fluid Production (2018-2029)
 - 1.3.7 Japan Formaldehyde-Free Metalworking Fluid Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Formaldehyde-Free Metalworking Fluid Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Formaldehyde-Free Metalworking Fluid 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 Formaldehyde-Free Metalworking Fluid Demand (2018-2029)
- 2.2 World Formaldehyde-Free Metalworking Fluid Consumption by Region
 - 2.2.1 World Formaldehyde-Free Metalworking Fluid Consumption by Region (2018-2023)
 - 2.2.2 World Formaldehyde-Free Metalworking Fluid Consumption Forecast by Region (2024-2029)
- 2.3 United States Formaldehyde-Free Metalworking Fluid Consumption (2018-2029)
- 2.4 China Formaldehyde-Free Metalworking Fluid Consumption (2018-2029)

- 2.5 Europe Formaldehyde-Free Metalworking Fluid Consumption (2018-2029)
- 2.6 Japan Formaldehyde-Free Metalworking Fluid Consumption (2018-2029)
- 2.7 South Korea Formaldehyde-Free Metalworking Fluid Consumption (2018-2029)
- 2.8 ASEAN Formaldehyde-Free Metalworking Fluid Consumption (2018-2029)
- 2.9 India Formaldehyde-Free Metalworking Fluid Consumption (2018-2029)

3 WORLD FORMALDEHYDE-FREE METALWORKING FLUID MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Formaldehyde-Free Metalworking Fluid Production Value by Manufacturer (2018-2023)
- 3.2 World Formaldehyde-Free Metalworking Fluid Production by Manufacturer (2018-2023)
- 3.3 World Formaldehyde-Free Metalworking Fluid Average Price by Manufacturer (2018-2023)
- 3.4 Formaldehyde-Free Metalworking Fluid Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Formaldehyde-Free Metalworking Fluid Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Formaldehyde-Free Metalworking Fluid in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Formaldehyde-Free Metalworking Fluid in 2022
- 3.6 Formaldehyde-Free Metalworking Fluid Market: Overall Company Footprint Analysis
 - 3.6.1 Formaldehyde-Free Metalworking Fluid Market: Region Footprint
 - 3.6.2 Formaldehyde-Free Metalworking Fluid Market: Company Product Type Footprint
 - 3.6.3 Formaldehyde-Free Metalworking Fluid 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: Formaldehyde-Free Metalworking Fluid Production Value

Comparison

4.1.1 United States VS China: Formaldehyde-Free Metalworking Fluid Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Formaldehyde-Free Metalworking Fluid Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Formaldehyde-Free Metalworking Fluid Production Comparison

4.2.1 United States VS China: Formaldehyde-Free Metalworking Fluid Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Formaldehyde-Free Metalworking Fluid Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Formaldehyde-Free Metalworking Fluid Consumption Comparison

4.3.1 United States VS China: Formaldehyde-Free Metalworking Fluid Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Formaldehyde-Free Metalworking Fluid Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Formaldehyde-Free Metalworking Fluid Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Formaldehyde-Free Metalworking Fluid Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Formaldehyde-Free Metalworking Fluid Production Value (2018-2023)

4.4.3 United States Based Manufacturers Formaldehyde-Free Metalworking Fluid Production (2018-2023)

4.5 China Based Formaldehyde-Free Metalworking Fluid Manufacturers and Market Share

4.5.1 China Based Formaldehyde-Free Metalworking Fluid Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Formaldehyde-Free Metalworking Fluid Production Value (2018-2023)

4.5.3 China Based Manufacturers Formaldehyde-Free Metalworking Fluid Production (2018-2023)

4.6 Rest of World Based Formaldehyde-Free Metalworking Fluid Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Formaldehyde-Free Metalworking Fluid Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Formaldehyde-Free Metalworking Fluid Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Formaldehyde-Free Metalworking Fluid Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Formaldehyde-Free Metalworking Fluid Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Semi-synthetic Cutting Fluid

5.2.2 Full Synthetic Cutting Fluid

5.3 Market Segment by Type

5.3.1 World Formaldehyde-Free Metalworking Fluid Production by Type (2018-2029)

5.3.2 World Formaldehyde-Free Metalworking Fluid Production Value by Type (2018-2029)

5.3.3 World Formaldehyde-Free Metalworking Fluid Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Formaldehyde-Free Metalworking Fluid 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 3C

6.2.4 Others

6.3 Market Segment by Application

6.3.1 World Formaldehyde-Free Metalworking Fluid Production by Application (2018-2029)

6.3.2 World Formaldehyde-Free Metalworking Fluid Production Value by Application (2018-2029)

6.3.3 World Formaldehyde-Free Metalworking Fluid 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 Formaldehyde-Free Metalworking Fluid Product and Services
- 7.1.4 Quaker Houghton Formaldehyde-Free Metalworking Fluid 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 Henkel
 - 7.2.1 Henkel Details
 - 7.2.2 Henkel Major Business
 - 7.2.3 Henkel Formaldehyde-Free Metalworking Fluid Product and Services
 - 7.2.4 Henkel Formaldehyde-Free Metalworking Fluid Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.2.5 Henkel Recent Developments/Updates
 - 7.2.6 Henkel Competitive Strengths & Weaknesses
- 7.3 Total
 - 7.3.1 Total Details
 - 7.3.2 Total Major Business
 - 7.3.3 Total Formaldehyde-Free Metalworking Fluid Product and Services
 - 7.3.4 Total Formaldehyde-Free Metalworking Fluid Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.3.5 Total Recent Developments/Updates
 - 7.3.6 Total Competitive Strengths & Weaknesses
- 7.4 Castrol
 - 7.4.1 Castrol Details
 - 7.4.2 Castrol Major Business
 - 7.4.3 Castrol Formaldehyde-Free Metalworking Fluid Product and Services
 - 7.4.4 Castrol Formaldehyde-Free Metalworking Fluid Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.4.5 Castrol Recent Developments/Updates
 - 7.4.6 Castrol Competitive Strengths & Weaknesses
- 7.5 ENEOS Corporation
 - 7.5.1 ENEOS Corporation Details
 - 7.5.2 ENEOS Corporation Major Business
 - 7.5.3 ENEOS Corporation Formaldehyde-Free Metalworking Fluid Product and Services
 - 7.5.4 ENEOS Corporation Formaldehyde-Free Metalworking Fluid Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 ENEOS Corporation Recent Developments/Updates
 - 7.5.6 ENEOS Corporation Competitive Strengths & Weaknesses
- 7.6 Fuchs Petrolub SE

- 7.6.1 Fuchs Petrolub SE Details
- 7.6.2 Fuchs Petrolub SE Major Business
- 7.6.3 Fuchs Petrolub SE Formaldehyde-Free Metalworking Fluid Product and Services
- 7.6.4 Fuchs Petrolub SE Formaldehyde-Free Metalworking Fluid Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.6.5 Fuchs Petrolub SE Recent Developments/Updates
- 7.6.6 Fuchs Petrolub SE Competitive Strengths & Weaknesses
- 7.7 Petrofer
 - 7.7.1 Petrofer Details
 - 7.7.2 Petrofer Major Business
 - 7.7.3 Petrofer Formaldehyde-Free Metalworking Fluid Product and Services
 - 7.7.4 Petrofer Formaldehyde-Free Metalworking Fluid Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 Petrofer Recent Developments/Updates
 - 7.7.6 Petrofer Competitive Strengths & Weaknesses
- 7.8 Thor
 - 7.8.1 Thor Details
 - 7.8.2 Thor Major Business
 - 7.8.3 Thor Formaldehyde-Free Metalworking Fluid Product and Services
 - 7.8.4 Thor Formaldehyde-Free Metalworking Fluid Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.8.5 Thor Recent Developments/Updates
 - 7.8.6 Thor Competitive Strengths & Weaknesses
- 7.9 Rhenus Lub
 - 7.9.1 Rhenus Lub Details
 - 7.9.2 Rhenus Lub Major Business
 - 7.9.3 Rhenus Lub Formaldehyde-Free Metalworking Fluid Product and Services
 - 7.9.4 Rhenus Lub Formaldehyde-Free Metalworking Fluid Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.9.5 Rhenus Lub Recent Developments/Updates
 - 7.9.6 Rhenus Lub Competitive Strengths & Weaknesses
- 7.10 Millers Oils
 - 7.10.1 Millers Oils Details
 - 7.10.2 Millers Oils Major Business
 - 7.10.3 Millers Oils Formaldehyde-Free Metalworking Fluid Product and Services
 - 7.10.4 Millers Oils Formaldehyde-Free Metalworking Fluid Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.10.5 Millers Oils Recent Developments/Updates
 - 7.10.6 Millers Oils 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 Formaldehyde-Free Metalworking Fluid Product and Services

7.11.4 Master Fluid Solutions Formaldehyde-Free Metalworking Fluid 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 Nanjing Kerun Lubricants

7.12.1 Nanjing Kerun Lubricants Details

7.12.2 Nanjing Kerun Lubricants Major Business

7.12.3 Nanjing Kerun Lubricants Formaldehyde-Free Metalworking Fluid Product and Services

7.12.4 Nanjing Kerun Lubricants Formaldehyde-Free Metalworking Fluid Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.12.5 Nanjing Kerun Lubricants Recent Developments/Updates

7.12.6 Nanjing Kerun Lubricants Competitive Strengths & Weaknesses

7.13 Dongguan Yaguang Grinding Machinery

7.13.1 Dongguan Yaguang Grinding Machinery Details

7.13.2 Dongguan Yaguang Grinding Machinery Major Business

7.13.3 Dongguan Yaguang Grinding Machinery Formaldehyde-Free Metalworking Fluid Product and Services

7.13.4 Dongguan Yaguang Grinding Machinery Formaldehyde-Free Metalworking Fluid Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.13.5 Dongguan Yaguang Grinding Machinery Recent Developments/Updates

7.13.6 Dongguan Yaguang Grinding Machinery Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Formaldehyde-Free Metalworking Fluid Industry Chain

8.2 Formaldehyde-Free Metalworking Fluid Upstream Analysis

8.2.1 Formaldehyde-Free Metalworking Fluid Core Raw Materials

8.2.2 Main Manufacturers of Formaldehyde-Free Metalworking Fluid Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Formaldehyde-Free Metalworking Fluid Production Mode

8.6 Formaldehyde-Free Metalworking Fluid Procurement Model

8.7 Formaldehyde-Free Metalworking Fluid Industry Sales Model and Sales Channels

8.7.1 Formaldehyde-Free Metalworking Fluid Sales Model

8.7.2 Formaldehyde-Free Metalworking Fluid 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 Formaldehyde-Free Metalworking Fluid Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Formaldehyde-Free Metalworking Fluid Production Value by Region (2018-2023) & (USD Million)

Table 3. World Formaldehyde-Free Metalworking Fluid Production Value by Region (2024-2029) & (USD Million)

Table 4. World Formaldehyde-Free Metalworking Fluid Production Value Market Share by Region (2018-2023)

Table 5. World Formaldehyde-Free Metalworking Fluid Production Value Market Share by Region (2024-2029)

Table 6. World Formaldehyde-Free Metalworking Fluid Production by Region (2018-2023) & (Tons)

Table 7. World Formaldehyde-Free Metalworking Fluid Production by Region (2024-2029) & (Tons)

Table 8. World Formaldehyde-Free Metalworking Fluid Production Market Share by Region (2018-2023)

Table 9. World Formaldehyde-Free Metalworking Fluid Production Market Share by Region (2024-2029)

Table 10. World Formaldehyde-Free Metalworking Fluid Average Price by Region (2018-2023) & (US\$/Ton)

Table 11. World Formaldehyde-Free Metalworking Fluid Average Price by Region (2024-2029) & (US\$/Ton)

Table 12. Formaldehyde-Free Metalworking Fluid Major Market Trends

Table 13. World Formaldehyde-Free Metalworking Fluid Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Tons)

Table 14. World Formaldehyde-Free Metalworking Fluid Consumption by Region (2018-2023) & (Tons)

Table 15. World Formaldehyde-Free Metalworking Fluid Consumption Forecast by Region (2024-2029) & (Tons)

Table 16. World Formaldehyde-Free Metalworking Fluid Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Formaldehyde-Free Metalworking Fluid Producers in 2022

Table 18. World Formaldehyde-Free Metalworking Fluid Production by Manufacturer (2018-2023) & (Tons)

Table 19. Production Market Share of Key Formaldehyde-Free Metalworking Fluid Producers in 2022

Table 20. World Formaldehyde-Free Metalworking Fluid Average Price by Manufacturer (2018-2023) & (US\$/Ton)

Table 21. Global Formaldehyde-Free Metalworking Fluid Company Evaluation Quadrant

Table 22. World Formaldehyde-Free Metalworking Fluid Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Formaldehyde-Free Metalworking Fluid Production Site of Key Manufacturer

Table 24. Formaldehyde-Free Metalworking Fluid Market: Company Product Type Footprint

Table 25. Formaldehyde-Free Metalworking Fluid Market: Company Product Application Footprint

Table 26. Formaldehyde-Free Metalworking Fluid Competitive Factors

Table 27. Formaldehyde-Free Metalworking Fluid New Entrant and Capacity Expansion Plans

Table 28. Formaldehyde-Free Metalworking Fluid Mergers & Acquisitions Activity

Table 29. United States VS China Formaldehyde-Free Metalworking Fluid Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Formaldehyde-Free Metalworking Fluid Production Comparison, (2018 & 2022 & 2029) & (Tons)

Table 31. United States VS China Formaldehyde-Free Metalworking Fluid Consumption Comparison, (2018 & 2022 & 2029) & (Tons)

Table 32. United States Based Formaldehyde-Free Metalworking Fluid Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Formaldehyde-Free Metalworking Fluid Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Formaldehyde-Free Metalworking Fluid Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Formaldehyde-Free Metalworking Fluid Production (2018-2023) & (Tons)

Table 36. United States Based Manufacturers Formaldehyde-Free Metalworking Fluid Production Market Share (2018-2023)

Table 37. China Based Formaldehyde-Free Metalworking Fluid Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Formaldehyde-Free Metalworking Fluid Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Formaldehyde-Free Metalworking Fluid Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Formaldehyde-Free Metalworking Fluid Production (2018-2023) & (Tons)

Table 41. China Based Manufacturers Formaldehyde-Free Metalworking Fluid Production Market Share (2018-2023)

Table 42. Rest of World Based Formaldehyde-Free Metalworking Fluid Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Formaldehyde-Free Metalworking Fluid Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Formaldehyde-Free Metalworking Fluid Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Formaldehyde-Free Metalworking Fluid Production (2018-2023) & (Tons)

Table 46. Rest of World Based Manufacturers Formaldehyde-Free Metalworking Fluid Production Market Share (2018-2023)

Table 47. World Formaldehyde-Free Metalworking Fluid Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Formaldehyde-Free Metalworking Fluid Production by Type (2018-2023) & (Tons)

Table 49. World Formaldehyde-Free Metalworking Fluid Production by Type (2024-2029) & (Tons)

Table 50. World Formaldehyde-Free Metalworking Fluid Production Value by Type (2018-2023) & (USD Million)

Table 51. World Formaldehyde-Free Metalworking Fluid Production Value by Type (2024-2029) & (USD Million)

Table 52. World Formaldehyde-Free Metalworking Fluid Average Price by Type (2018-2023) & (US\$/Ton)

Table 53. World Formaldehyde-Free Metalworking Fluid Average Price by Type (2024-2029) & (US\$/Ton)

Table 54. World Formaldehyde-Free Metalworking Fluid Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Formaldehyde-Free Metalworking Fluid Production by Application (2018-2023) & (Tons)

Table 56. World Formaldehyde-Free Metalworking Fluid Production by Application (2024-2029) & (Tons)

Table 57. World Formaldehyde-Free Metalworking Fluid Production Value by Application (2018-2023) & (USD Million)

Table 58. World Formaldehyde-Free Metalworking Fluid Production Value by Application (2024-2029) & (USD Million)

Table 59. World Formaldehyde-Free Metalworking Fluid Average Price by Application

(2018-2023) & (US\$/Ton)

Table 60. World Formaldehyde-Free Metalworking Fluid Average Price by Application (2024-2029) & (US\$/Ton)

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

Table 62. Quaker Houghton Major Business

Table 63. Quaker Houghton Formaldehyde-Free Metalworking Fluid Product and Services

Table 64. Quaker Houghton Formaldehyde-Free Metalworking Fluid Production (Tons), Price (US\$/Ton), 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. Henkel Basic Information, Manufacturing Base and Competitors

Table 68. Henkel Major Business

Table 69. Henkel Formaldehyde-Free Metalworking Fluid Product and Services

Table 70. Henkel Formaldehyde-Free Metalworking Fluid Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Henkel Recent Developments/Updates

Table 72. Henkel Competitive Strengths & Weaknesses

Table 73. Total Basic Information, Manufacturing Base and Competitors

Table 74. Total Major Business

Table 75. Total Formaldehyde-Free Metalworking Fluid Product and Services

Table 76. Total Formaldehyde-Free Metalworking Fluid Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Total Recent Developments/Updates

Table 78. Total Competitive Strengths & Weaknesses

Table 79. Castrol Basic Information, Manufacturing Base and Competitors

Table 80. Castrol Major Business

Table 81. Castrol Formaldehyde-Free Metalworking Fluid Product and Services

Table 82. Castrol Formaldehyde-Free Metalworking Fluid Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Castrol Recent Developments/Updates

Table 84. Castrol Competitive Strengths & Weaknesses

Table 85. ENEOS Corporation Basic Information, Manufacturing Base and Competitors

Table 86. ENEOS Corporation Major Business

Table 87. ENEOS Corporation Formaldehyde-Free Metalworking Fluid Product and

Services

Table 88. ENEOS Corporation Formaldehyde-Free Metalworking Fluid Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. ENEOS Corporation Recent Developments/Updates

Table 90. ENEOS Corporation Competitive Strengths & Weaknesses

Table 91. Fuchs Petrolub SE Basic Information, Manufacturing Base and Competitors

Table 92. Fuchs Petrolub SE Major Business

Table 93. Fuchs Petrolub SE Formaldehyde-Free Metalworking Fluid Product and Services

Table 94. Fuchs Petrolub SE Formaldehyde-Free Metalworking Fluid Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Fuchs Petrolub SE Recent Developments/Updates

Table 96. Fuchs Petrolub SE Competitive Strengths & Weaknesses

Table 97. Petrofer Basic Information, Manufacturing Base and Competitors

Table 98. Petrofer Major Business

Table 99. Petrofer Formaldehyde-Free Metalworking Fluid Product and Services

Table 100. Petrofer Formaldehyde-Free Metalworking Fluid Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Petrofer Recent Developments/Updates

Table 102. Petrofer Competitive Strengths & Weaknesses

Table 103. Thor Basic Information, Manufacturing Base and Competitors

Table 104. Thor Major Business

Table 105. Thor Formaldehyde-Free Metalworking Fluid Product and Services

Table 106. Thor Formaldehyde-Free Metalworking Fluid Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Thor Recent Developments/Updates

Table 108. Thor Competitive Strengths & Weaknesses

Table 109. Rhenus Lub Basic Information, Manufacturing Base and Competitors

Table 110. Rhenus Lub Major Business

Table 111. Rhenus Lub Formaldehyde-Free Metalworking Fluid Product and Services

Table 112. Rhenus Lub Formaldehyde-Free Metalworking Fluid Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Rhenus Lub Recent Developments/Updates

Table 114. Rhenus Lub Competitive Strengths & Weaknesses

Table 115. Millers Oils Basic Information, Manufacturing Base and Competitors

Table 116. Millers Oils Major Business

Table 117. Millers Oils Formaldehyde-Free Metalworking Fluid Product and Services

Table 118. Millers Oils Formaldehyde-Free Metalworking Fluid Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. Millers Oils Recent Developments/Updates

Table 120. Millers Oils 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 Formaldehyde-Free Metalworking Fluid Product and Services

Table 124. Master Fluid Solutions Formaldehyde-Free Metalworking Fluid Production (Tons), Price (US\$/Ton), 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. Nanjing Kerun Lubricants Basic Information, Manufacturing Base and Competitors

Table 128. Nanjing Kerun Lubricants Major Business

Table 129. Nanjing Kerun Lubricants Formaldehyde-Free Metalworking Fluid Product and Services

Table 130. Nanjing Kerun Lubricants Formaldehyde-Free Metalworking Fluid Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. Nanjing Kerun Lubricants Recent Developments/Updates

Table 132. Dongguan Yaguang Grinding Machinery Basic Information, Manufacturing Base and Competitors

Table 133. Dongguan Yaguang Grinding Machinery Major Business

Table 134. Dongguan Yaguang Grinding Machinery Formaldehyde-Free Metalworking Fluid Product and Services

Table 135. Dongguan Yaguang Grinding Machinery Formaldehyde-Free Metalworking Fluid Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 136. Global Key Players of Formaldehyde-Free Metalworking Fluid Upstream (Raw Materials)

Table 137. Formaldehyde-Free Metalworking Fluid Typical Customers

Table 138. Formaldehyde-Free Metalworking Fluid Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Formaldehyde-Free Metalworking Fluid Picture

Figure 2. World Formaldehyde-Free Metalworking Fluid Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Formaldehyde-Free Metalworking Fluid Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Formaldehyde-Free Metalworking Fluid Production (2018-2029) & (Tons)

Figure 5. World Formaldehyde-Free Metalworking Fluid Average Price (2018-2029) & (US\$/Ton)

Figure 6. World Formaldehyde-Free Metalworking Fluid Production Value Market Share by Region (2018-2029)

Figure 7. World Formaldehyde-Free Metalworking Fluid Production Market Share by Region (2018-2029)

Figure 8. North America Formaldehyde-Free Metalworking Fluid Production (2018-2029) & (Tons)

Figure 9. Europe Formaldehyde-Free Metalworking Fluid Production (2018-2029) & (Tons)

Figure 10. China Formaldehyde-Free Metalworking Fluid Production (2018-2029) & (Tons)

Figure 11. Japan Formaldehyde-Free Metalworking Fluid Production (2018-2029) & (Tons)

Figure 12. Formaldehyde-Free Metalworking Fluid Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Formaldehyde-Free Metalworking Fluid Consumption (2018-2029) & (Tons)

Figure 15. World Formaldehyde-Free Metalworking Fluid Consumption Market Share by Region (2018-2029)

Figure 16. United States Formaldehyde-Free Metalworking Fluid Consumption (2018-2029) & (Tons)

Figure 17. China Formaldehyde-Free Metalworking Fluid Consumption (2018-2029) & (Tons)

Figure 18. Europe Formaldehyde-Free Metalworking Fluid Consumption (2018-2029) & (Tons)

Figure 19. Japan Formaldehyde-Free Metalworking Fluid Consumption (2018-2029) & (Tons)

Figure 20. South Korea Formaldehyde-Free Metalworking Fluid Consumption (2018-2029) & (Tons)

Figure 21. ASEAN Formaldehyde-Free Metalworking Fluid Consumption (2018-2029) & (Tons)

Figure 22. India Formaldehyde-Free Metalworking Fluid Consumption (2018-2029) & (Tons)

Figure 23. Producer Shipments of Formaldehyde-Free Metalworking Fluid by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Formaldehyde-Free Metalworking Fluid Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Formaldehyde-Free Metalworking Fluid Markets in 2022

Figure 26. United States VS China: Formaldehyde-Free Metalworking Fluid Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Formaldehyde-Free Metalworking Fluid Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Formaldehyde-Free Metalworking Fluid Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Formaldehyde-Free Metalworking Fluid Production Market Share 2022

Figure 30. China Based Manufacturers Formaldehyde-Free Metalworking Fluid Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Formaldehyde-Free Metalworking Fluid Production Market Share 2022

Figure 32. World Formaldehyde-Free Metalworking Fluid Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Formaldehyde-Free Metalworking Fluid Production Value Market Share by Type in 2022

Figure 34. Semi-synthetic Cutting Fluid

Figure 35. Full Synthetic Cutting Fluid

Figure 36. World Formaldehyde-Free Metalworking Fluid Production Market Share by Type (2018-2029)

Figure 37. World Formaldehyde-Free Metalworking Fluid Production Value Market Share by Type (2018-2029)

Figure 38. World Formaldehyde-Free Metalworking Fluid Average Price by Type (2018-2029) & (US\$/Ton)

Figure 39. World Formaldehyde-Free Metalworking Fluid Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 40. World Formaldehyde-Free Metalworking Fluid Production Value Market

Share by Application in 2022

Figure 41. Machinery

Figure 42. Automotive

Figure 43. 3C

Figure 44. Others

Figure 45. World Formaldehyde-Free Metalworking Fluid Production Market Share by Application (2018-2029)

Figure 46. World Formaldehyde-Free Metalworking Fluid Production Value Market Share by Application (2018-2029)

Figure 47. World Formaldehyde-Free Metalworking Fluid Average Price by Application (2018-2029) & (US\$/Ton)

Figure 48. Formaldehyde-Free Metalworking Fluid Industry Chain

Figure 49. Formaldehyde-Free Metalworking Fluid Procurement Model

Figure 50. Formaldehyde-Free Metalworking Fluid Sales Model

Figure 51. Formaldehyde-Free Metalworking Fluid Sales Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source

I would like to order

Product name: Global Formaldehyde-Free Metalworking Fluid Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GD1CC1203699EN.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/GD1CC1203699EN.html>