

# Metal Protecting Fluids Market, Global Outlook and Forecast 2022-2028

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## Abstracts

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 straight oils (such as petroleum oils) to water-based fluids, which include soluble oils and semisynthetic/synthetic fluids.

This report contains market size and forecasts of Metal Protecting Fluids in global, including the following market information:

Global Metal Protecting Fluids Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Metal Protecting Fluids Market Sales, 2017-2022, 2023-2028, (K MT)

Global top five Metal Protecting Fluids companies in 2021 (%)

The global Metal Protecting Fluids market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Mineral Protecting Fluids Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Metal Protecting Fluids include Houghton, Quaker, BP, Fuchs, Exxonmobil, Metalworking Lubricants, Chevro, Henkel and Milacron, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Metal Protecting Fluids manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Metal Protecting Fluids Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K MT)

Global Metal Protecting Fluids Market Segment Percentages, by Type, 2021 (%)

Mineral Protecting Fluids

Synthetic Protecting Fluids

Bio-based Protecting Fluids

Global Metal Protecting Fluids Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K MT)

Global Metal Protecting Fluids Market Segment Percentages, by Application, 2021 (%)

Automotive

General Industry

Other

Global Metal Protecting Fluids Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K MT)

Global Metal Protecting Fluids Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

## South America

Brazil

Argentina

Rest of South America

## Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Metal Protecting Fluids revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Metal Protecting Fluids revenues share in global market, 2021 (%)

Key companies Metal Protecting Fluids sales in global market, 2017-2022 (Estimated), (K MT)

Key companies Metal Protecting Fluids sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Houghton

Quaker

BP

Fuchs

Exxonmobil

Metalworking Lubricants

Chevro

Henkel

Milacron

Chemtool

Yushiro

Master Chemical

Blaser

DowDuPont

## Contents

### **1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS**

- 1.1 Metal Protecting Fluids Market Definition
- 1.2 Market Segments
  - 1.2.1 Market by Type
  - 1.2.2 Market by Application
- 1.3 Global Metal Protecting Fluids Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
  - 1.5.1 Research Methodology
  - 1.5.2 Research Process
  - 1.5.3 Base Year
  - 1.5.4 Report Assumptions & Caveats

### **2 GLOBAL METAL PROTECTING FLUIDS OVERALL MARKET SIZE**

- 2.1 Global Metal Protecting Fluids Market Size: 2021 VS 2028
- 2.2 Global Metal Protecting Fluids Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Metal Protecting Fluids Sales: 2017-2028

### **3 COMPANY LANDSCAPE**

- 3.1 Top Metal Protecting Fluids Players in Global Market
- 3.2 Top Global Metal Protecting Fluids Companies Ranked by Revenue
- 3.3 Global Metal Protecting Fluids Revenue by Companies
- 3.4 Global Metal Protecting Fluids Sales by Companies
- 3.5 Global Metal Protecting Fluids Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 Metal Protecting Fluids Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers Metal Protecting Fluids Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Metal Protecting Fluids Players in Global Market
  - 3.8.1 List of Global Tier 1 Metal Protecting Fluids Companies
  - 3.8.2 List of Global Tier 2 and Tier 3 Metal Protecting Fluids Companies

### **4 SIGHTS BY PRODUCT**

- 4.1 Overview

- 4.1.1 By Type - Global Metal Protecting Fluids Market Size Markets, 2021 & 2028
- 4.1.2 Mineral Protecting Fluids
- 4.1.3 Synthetic Protecting Fluids
- 4.1.4 Bio-based Protecting Fluids
- 4.2 By Type - Global Metal Protecting Fluids Revenue & Forecasts
  - 4.2.1 By Type - Global Metal Protecting Fluids Revenue, 2017-2022
  - 4.2.2 By Type - Global Metal Protecting Fluids Revenue, 2023-2028
  - 4.2.3 By Type - Global Metal Protecting Fluids Revenue Market Share, 2017-2028
- 4.3 By Type - Global Metal Protecting Fluids Sales & Forecasts
  - 4.3.1 By Type - Global Metal Protecting Fluids Sales, 2017-2022
  - 4.3.2 By Type - Global Metal Protecting Fluids Sales, 2023-2028
  - 4.3.3 By Type - Global Metal Protecting Fluids Sales Market Share, 2017-2028
- 4.4 By Type - Global Metal Protecting Fluids Price (Manufacturers Selling Prices), 2017-2028

## **5 SIGHTS BY APPLICATION**

### 5.1 Overview

- 5.1.1 By Application - Global Metal Protecting Fluids Market Size, 2021 & 2028
- 5.1.2 Automotive
- 5.1.3 General Industry
- 5.1.4 Other
- 5.2 By Application - Global Metal Protecting Fluids Revenue & Forecasts
  - 5.2.1 By Application - Global Metal Protecting Fluids Revenue, 2017-2022
  - 5.2.2 By Application - Global Metal Protecting Fluids Revenue, 2023-2028
  - 5.2.3 By Application - Global Metal Protecting Fluids Revenue Market Share, 2017-2028
- 5.3 By Application - Global Metal Protecting Fluids Sales & Forecasts
  - 5.3.1 By Application - Global Metal Protecting Fluids Sales, 2017-2022
  - 5.3.2 By Application - Global Metal Protecting Fluids Sales, 2023-2028
  - 5.3.3 By Application - Global Metal Protecting Fluids Sales Market Share, 2017-2028
- 5.4 By Application - Global Metal Protecting Fluids Price (Manufacturers Selling Prices), 2017-2028

## **6 SIGHTS BY REGION**

- 6.1 By Region - Global Metal Protecting Fluids Market Size, 2021 & 2028
- 6.2 By Region - Global Metal Protecting Fluids Revenue & Forecasts
  - 6.2.1 By Region - Global Metal Protecting Fluids Revenue, 2017-2022

- 6.2.2 By Region - Global Metal Protecting Fluids Revenue, 2023-2028
- 6.2.3 By Region - Global Metal Protecting Fluids Revenue Market Share, 2017-2028
- 6.3 By Region - Global Metal Protecting Fluids Sales & Forecasts
  - 6.3.1 By Region - Global Metal Protecting Fluids Sales, 2017-2022
  - 6.3.2 By Region - Global Metal Protecting Fluids Sales, 2023-2028
  - 6.3.3 By Region - Global Metal Protecting Fluids Sales Market Share, 2017-2028
- 6.4 North America
  - 6.4.1 By Country - North America Metal Protecting Fluids Revenue, 2017-2028
  - 6.4.2 By Country - North America Metal Protecting Fluids Sales, 2017-2028
  - 6.4.3 US Metal Protecting Fluids Market Size, 2017-2028
  - 6.4.4 Canada Metal Protecting Fluids Market Size, 2017-2028
  - 6.4.5 Mexico Metal Protecting Fluids Market Size, 2017-2028
- 6.5 Europe
  - 6.5.1 By Country - Europe Metal Protecting Fluids Revenue, 2017-2028
  - 6.5.2 By Country - Europe Metal Protecting Fluids Sales, 2017-2028
  - 6.5.3 Germany Metal Protecting Fluids Market Size, 2017-2028
  - 6.5.4 France Metal Protecting Fluids Market Size, 2017-2028
  - 6.5.5 U.K. Metal Protecting Fluids Market Size, 2017-2028
  - 6.5.6 Italy Metal Protecting Fluids Market Size, 2017-2028
  - 6.5.7 Russia Metal Protecting Fluids Market Size, 2017-2028
  - 6.5.8 Nordic Countries Metal Protecting Fluids Market Size, 2017-2028
  - 6.5.9 Benelux Metal Protecting Fluids Market Size, 2017-2028
- 6.6 Asia
  - 6.6.1 By Region - Asia Metal Protecting Fluids Revenue, 2017-2028
  - 6.6.2 By Region - Asia Metal Protecting Fluids Sales, 2017-2028
  - 6.6.3 China Metal Protecting Fluids Market Size, 2017-2028
  - 6.6.4 Japan Metal Protecting Fluids Market Size, 2017-2028
  - 6.6.5 South Korea Metal Protecting Fluids Market Size, 2017-2028
  - 6.6.6 Southeast Asia Metal Protecting Fluids Market Size, 2017-2028
  - 6.6.7 India Metal Protecting Fluids Market Size, 2017-2028
- 6.7 South America
  - 6.7.1 By Country - South America Metal Protecting Fluids Revenue, 2017-2028
  - 6.7.2 By Country - South America Metal Protecting Fluids Sales, 2017-2028
  - 6.7.3 Brazil Metal Protecting Fluids Market Size, 2017-2028
  - 6.7.4 Argentina Metal Protecting Fluids Market Size, 2017-2028
- 6.8 Middle East & Africa
  - 6.8.1 By Country - Middle East & Africa Metal Protecting Fluids Revenue, 2017-2028
  - 6.8.2 By Country - Middle East & Africa Metal Protecting Fluids Sales, 2017-2028
  - 6.8.3 Turkey Metal Protecting Fluids Market Size, 2017-2028



6.8.4 Israel Metal Protecting Fluids Market Size, 2017-2028

6.8.5 Saudi Arabia Metal Protecting Fluids Market Size, 2017-2028

6.8.6 UAE Metal Protecting Fluids Market Size, 2017-2028

## **7 MANUFACTURERS & BRANDS PROFILES**

### 7.1 Houghton

7.1.1 Houghton Corporate Summary

7.1.2 Houghton Business Overview

7.1.3 Houghton Metal Protecting Fluids Major Product Offerings

7.1.4 Houghton Metal Protecting Fluids Sales and Revenue in Global (2017-2022)

7.1.5 Houghton Key News

### 7.2 Quaker

7.2.1 Quaker Corporate Summary

7.2.2 Quaker Business Overview

7.2.3 Quaker Metal Protecting Fluids Major Product Offerings

7.2.4 Quaker Metal Protecting Fluids Sales and Revenue in Global (2017-2022)

7.2.5 Quaker Key News

### 7.3 BP

7.3.1 BP Corporate Summary

7.3.2 BP Business Overview

7.3.3 BP Metal Protecting Fluids Major Product Offerings

7.3.4 BP Metal Protecting Fluids Sales and Revenue in Global (2017-2022)

7.3.5 BP Key News

### 7.4 Fuchs

7.4.1 Fuchs Corporate Summary

7.4.2 Fuchs Business Overview

7.4.3 Fuchs Metal Protecting Fluids Major Product Offerings

7.4.4 Fuchs Metal Protecting Fluids Sales and Revenue in Global (2017-2022)

7.4.5 Fuchs Key News

### 7.5 Exxonmobil

7.5.1 Exxonmobil Corporate Summary

7.5.2 Exxonmobil Business Overview

7.5.3 Exxonmobil Metal Protecting Fluids Major Product Offerings

7.5.4 Exxonmobil Metal Protecting Fluids Sales and Revenue in Global (2017-2022)

7.5.5 Exxonmobil Key News

### 7.6 Metalworking Lubricants

7.6.1 Metalworking Lubricants Corporate Summary

7.6.2 Metalworking Lubricants Business Overview

- 7.6.3 Metalworking Lubricants Metal Protecting Fluids Major Product Offerings
- 7.6.4 Metalworking Lubricants Metal Protecting Fluids Sales and Revenue in Global (2017-2022)
- 7.6.5 Metalworking Lubricants Key News
- 7.7 Chevro
  - 7.7.1 Chevro Corporate Summary
  - 7.7.2 Chevro Business Overview
  - 7.7.3 Chevro Metal Protecting Fluids Major Product Offerings
  - 7.7.4 Chevro Metal Protecting Fluids Sales and Revenue in Global (2017-2022)
  - 7.7.5 Chevro Key News
- 7.8 Henkel
  - 7.8.1 Henkel Corporate Summary
  - 7.8.2 Henkel Business Overview
  - 7.8.3 Henkel Metal Protecting Fluids Major Product Offerings
  - 7.8.4 Henkel Metal Protecting Fluids Sales and Revenue in Global (2017-2022)
  - 7.8.5 Henkel Key News
- 7.9 Milacron
  - 7.9.1 Milacron Corporate Summary
  - 7.9.2 Milacron Business Overview
  - 7.9.3 Milacron Metal Protecting Fluids Major Product Offerings
  - 7.9.4 Milacron Metal Protecting Fluids Sales and Revenue in Global (2017-2022)
  - 7.9.5 Milacron Key News
- 7.10 Chemtool
  - 7.10.1 Chemtool Corporate Summary
  - 7.10.2 Chemtool Business Overview
  - 7.10.3 Chemtool Metal Protecting Fluids Major Product Offerings
  - 7.10.4 Chemtool Metal Protecting Fluids Sales and Revenue in Global (2017-2022)
  - 7.10.5 Chemtool Key News
- 7.11 Yushiro
  - 7.11.1 Yushiro Corporate Summary
  - 7.11.2 Yushiro Metal Protecting Fluids Business Overview
  - 7.11.3 Yushiro Metal Protecting Fluids Major Product Offerings
  - 7.11.4 Yushiro Metal Protecting Fluids Sales and Revenue in Global (2017-2022)
  - 7.11.5 Yushiro Key News
- 7.12 Master Chemical
  - 7.12.1 Master Chemical Corporate Summary
  - 7.12.2 Master Chemical Metal Protecting Fluids Business Overview
  - 7.12.3 Master Chemical Metal Protecting Fluids Major Product Offerings
  - 7.12.4 Master Chemical Metal Protecting Fluids Sales and Revenue in Global

(2017-2022)

7.12.5 Master Chemical Key News

7.13 Blaser

7.13.1 Blaser Corporate Summary

7.13.2 Blaser Metal Protecting Fluids Business Overview

7.13.3 Blaser Metal Protecting Fluids Major Product Offerings

7.13.4 Blaser Metal Protecting Fluids Sales and Revenue in Global (2017-2022)

7.13.5 Blaser Key News

7.14 DowDuPont

7.14.1 DowDuPont Corporate Summary

7.14.2 DowDuPont Business Overview

7.14.3 DowDuPont Metal Protecting Fluids Major Product Offerings

7.14.4 DowDuPont Metal Protecting Fluids Sales and Revenue in Global (2017-2022)

7.14.5 DowDuPont Key News

## **8 GLOBAL METAL PROTECTING FLUIDS PRODUCTION CAPACITY, ANALYSIS**

8.1 Global Metal Protecting Fluids Production Capacity, 2017-2028

8.2 Metal Protecting Fluids Production Capacity of Key Manufacturers in Global Market

8.3 Global Metal Protecting Fluids Production by Region

## **9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS**

9.1 Market Opportunities & Trends

9.2 Market Drivers

9.3 Market Restraints

## **10 METAL PROTECTING FLUIDS SUPPLY CHAIN ANALYSIS**

10.1 Metal Protecting Fluids Industry Value Chain

10.2 Metal Protecting Fluids Upstream Market

10.3 Metal Protecting Fluids Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 Metal Protecting Fluids Distributors and Sales Agents in Global

## **11 CONCLUSION**

## **12 APPENDIX**

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

## List Of Tables

### LIST OF TABLES

- Table 1. Key Players of Metal Protecting Fluids in Global Market
- Table 2. Top Metal Protecting Fluids Players in Global Market, Ranking by Revenue (2021)
- Table 3. Global Metal Protecting Fluids Revenue by Companies, (US\$, Mn), 2017-2022
- Table 4. Global Metal Protecting Fluids Revenue Share by Companies, 2017-2022
- Table 5. Global Metal Protecting Fluids Sales by Companies, (K MT), 2017-2022
- Table 6. Global Metal Protecting Fluids Sales Share by Companies, 2017-2022
- Table 7. Key Manufacturers Metal Protecting Fluids Price (2017-2022) & (USD/MT)
- Table 8. Global Manufacturers Metal Protecting Fluids Product Type
- Table 9. List of Global Tier 1 Metal Protecting Fluids Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 10. List of Global Tier 2 and Tier 3 Metal Protecting Fluids Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 11. By Type – Global Metal Protecting Fluids Revenue, (US\$, Mn), 2021 & 2028
- Table 12. By Type - Global Metal Protecting Fluids Revenue (US\$, Mn), 2017-2022
- Table 13. By Type - Global Metal Protecting Fluids Revenue (US\$, Mn), 2023-2028
- Table 14. By Type - Global Metal Protecting Fluids Sales (K MT), 2017-2022
- Table 15. By Type - Global Metal Protecting Fluids Sales (K MT), 2023-2028
- Table 16. By Application – Global Metal Protecting Fluids Revenue, (US\$, Mn), 2021 & 2028
- Table 17. By Application - Global Metal Protecting Fluids Revenue (US\$, Mn), 2017-2022
- Table 18. By Application - Global Metal Protecting Fluids Revenue (US\$, Mn), 2023-2028
- Table 19. By Application - Global Metal Protecting Fluids Sales (K MT), 2017-2022
- Table 20. By Application - Global Metal Protecting Fluids Sales (K MT), 2023-2028
- Table 21. By Region – Global Metal Protecting Fluids Revenue, (US\$, Mn), 2021 VS 2028
- Table 22. By Region - Global Metal Protecting Fluids Revenue (US\$, Mn), 2017-2022
- Table 23. By Region - Global Metal Protecting Fluids Revenue (US\$, Mn), 2023-2028
- Table 24. By Region - Global Metal Protecting Fluids Sales (K MT), 2017-2022
- Table 25. By Region - Global Metal Protecting Fluids Sales (K MT), 2023-2028
- Table 26. By Country - North America Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2022
- Table 27. By Country - North America Metal Protecting Fluids Revenue, (US\$, Mn),

2023-2028

Table 28. By Country - North America Metal Protecting Fluids Sales, (K MT), 2017-2022

Table 29. By Country - North America Metal Protecting Fluids Sales, (K MT), 2023-2028

Table 30. By Country - Europe Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2022

Table 31. By Country - Europe Metal Protecting Fluids Revenue, (US\$, Mn), 2023-2028

Table 32. By Country - Europe Metal Protecting Fluids Sales, (K MT), 2017-2022

Table 33. By Country - Europe Metal Protecting Fluids Sales, (K MT), 2023-2028

Table 34. By Region - Asia Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2022

Table 35. By Region - Asia Metal Protecting Fluids Revenue, (US\$, Mn), 2023-2028

Table 36. By Region - Asia Metal Protecting Fluids Sales, (K MT), 2017-2022

Table 37. By Region - Asia Metal Protecting Fluids Sales, (K MT), 2023-2028

Table 38. By Country - South America Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2022

Table 39. By Country - South America Metal Protecting Fluids Revenue, (US\$, Mn), 2023-2028

Table 40. By Country - South America Metal Protecting Fluids Sales, (K MT), 2017-2022

Table 41. By Country - South America Metal Protecting Fluids Sales, (K MT), 2023-2028

Table 42. By Country - Middle East & Africa Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2022

Table 43. By Country - Middle East & Africa Metal Protecting Fluids Revenue, (US\$, Mn), 2023-2028

Table 44. By Country - Middle East & Africa Metal Protecting Fluids Sales, (K MT), 2017-2022

Table 45. By Country - Middle East & Africa Metal Protecting Fluids Sales, (K MT), 2023-2028

Table 46. Houghton Corporate Summary

Table 47. Houghton Metal Protecting Fluids Product Offerings

Table 48. Houghton Metal Protecting Fluids Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 49. Quaker Corporate Summary

Table 50. Quaker Metal Protecting Fluids Product Offerings

Table 51. Quaker Metal Protecting Fluids Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 52. BP Corporate Summary

Table 53. BP Metal Protecting Fluids Product Offerings

Table 54. BP Metal Protecting Fluids Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 55. Fuchs Corporate Summary

Table 56. Fuchs Metal Protecting Fluids Product Offerings

Table 57. Fuchs Metal Protecting Fluids Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 58. Exxonmobil Corporate Summary

Table 59. Exxonmobil Metal Protecting Fluids Product Offerings

Table 60. Exxonmobil Metal Protecting Fluids Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 61. Metalworking Lubricants Corporate Summary

Table 62. Metalworking Lubricants Metal Protecting Fluids Product Offerings

Table 63. Metalworking Lubricants Metal Protecting Fluids Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 64. Chevro Corporate Summary

Table 65. Chevro Metal Protecting Fluids Product Offerings

Table 66. Chevro Metal Protecting Fluids Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 67. Henkel Corporate Summary

Table 68. Henkel Metal Protecting Fluids Product Offerings

Table 69. Henkel Metal Protecting Fluids Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 70. Milacron Corporate Summary

Table 71. Milacron Metal Protecting Fluids Product Offerings

Table 72. Milacron Metal Protecting Fluids Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 73. Chemtool Corporate Summary

Table 74. Chemtool Metal Protecting Fluids Product Offerings

Table 75. Chemtool Metal Protecting Fluids Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 76. Yushiro Corporate Summary

Table 77. Yushiro Metal Protecting Fluids Product Offerings

Table 78. Yushiro Metal Protecting Fluids Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 79. Master Chemical Corporate Summary

Table 80. Master Chemical Metal Protecting Fluids Product Offerings

Table 81. Master Chemical Metal Protecting Fluids Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 82. Blaser Corporate Summary

Table 83. Blaser Metal Protecting Fluids Product Offerings

Table 84. Blaser Metal Protecting Fluids Sales (K MT), Revenue (US\$, Mn) and

Average Price (USD/MT) (2017-2022)

Table 85. DowDuPont Corporate Summary

Table 86. DowDuPont Metal Protecting Fluids Product Offerings

Table 87. DowDuPont Metal Protecting Fluids Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 88. Metal Protecting Fluids Production Capacity (K MT) of Key Manufacturers in Global Market, 2020-2022 (K MT)

Table 89. Global Metal Protecting Fluids Capacity Market Share of Key Manufacturers, 2020-2022

Table 90. Global Metal Protecting Fluids Production by Region, 2017-2022 (K MT)

Table 91. Global Metal Protecting Fluids Production by Region, 2023-2028 (K MT)

Table 92. Metal Protecting Fluids Market Opportunities & Trends in Global Market

Table 93. Metal Protecting Fluids Market Drivers in Global Market

Table 94. Metal Protecting Fluids Market Restraints in Global Market

Table 95. Metal Protecting Fluids Raw Materials

Table 96. Metal Protecting Fluids Raw Materials Suppliers in Global Market

Table 97. Typical Metal Protecting Fluids Downstream

Table 98. Metal Protecting Fluids Downstream Clients in Global Market

Table 99. Metal Protecting Fluids Distributors and Sales Agents in Global Market



## List Of Figures

### LIST OF FIGURES

- Figure 1. Metal Protecting Fluids Segment by Type
- Figure 2. Metal Protecting Fluids Segment by Application
- Figure 3. Global Metal Protecting Fluids Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global Metal Protecting Fluids Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Metal Protecting Fluids Revenue, 2017-2028 (US\$, Mn)
- Figure 7. Metal Protecting Fluids Sales in Global Market: 2017-2028 (K MT)
- Figure 8. The Top 3 and 5 Players Market Share by Metal Protecting Fluids Revenue in 2021
- Figure 9. By Type - Global Metal Protecting Fluids Sales Market Share, 2017-2028
- Figure 10. By Type - Global Metal Protecting Fluids Revenue Market Share, 2017-2028
- Figure 11. By Type - Global Metal Protecting Fluids Price (USD/MT), 2017-2028
- Figure 12. By Application - Global Metal Protecting Fluids Sales Market Share, 2017-2028
- Figure 13. By Application - Global Metal Protecting Fluids Revenue Market Share, 2017-2028
- Figure 14. By Application - Global Metal Protecting Fluids Price (USD/MT), 2017-2028
- Figure 15. By Region - Global Metal Protecting Fluids Sales Market Share, 2017-2028
- Figure 16. By Region - Global Metal Protecting Fluids Revenue Market Share, 2017-2028
- Figure 17. By Country - North America Metal Protecting Fluids Revenue Market Share, 2017-2028
- Figure 18. By Country - North America Metal Protecting Fluids Sales Market Share, 2017-2028
- Figure 19. US Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2028
- Figure 21. Mexico Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2028
- Figure 22. By Country - Europe Metal Protecting Fluids Revenue Market Share, 2017-2028
- Figure 23. By Country - Europe Metal Protecting Fluids Sales Market Share, 2017-2028
- Figure 24. Germany Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2028
- Figure 25. France Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2028
- Figure 26. U.K. Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2028
- Figure 27. Italy Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2028
- Figure 28. Russia Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2028

- Figure 29. Nordic Countries Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2028
- Figure 30. Benelux Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2028
- Figure 31. By Region - Asia Metal Protecting Fluids Revenue Market Share, 2017-2028
- Figure 32. By Region - Asia Metal Protecting Fluids Sales Market Share, 2017-2028
- Figure 33. China Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2028
- Figure 34. Japan Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2028
- Figure 35. South Korea Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2028
- Figure 36. Southeast Asia Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2028
- Figure 37. India Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2028
- Figure 38. By Country - South America Metal Protecting Fluids Revenue Market Share, 2017-2028
- Figure 39. By Country - South America Metal Protecting Fluids Sales Market Share, 2017-2028
- Figure 40. Brazil Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2028
- Figure 41. Argentina Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2028
- Figure 42. By Country - Middle East & Africa Metal Protecting Fluids Revenue Market Share, 2017-2028
- Figure 43. By Country - Middle East & Africa Metal Protecting Fluids Sales Market Share, 2017-2028
- Figure 44. Turkey Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2028
- Figure 45. Israel Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2028
- Figure 46. Saudi Arabia Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2028
- Figure 47. UAE Metal Protecting Fluids Revenue, (US\$, Mn), 2017-2028
- Figure 48. Global Metal Protecting Fluids Production Capacity (K MT), 2017-2028
- Figure 49. The Percentage of Production Metal Protecting Fluids by Region, 2021 VS 2028
- Figure 50. Metal Protecting Fluids Industry Value Chain
- Figure 51. Marketing Channels

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