

# Global Metal Working Fluids Market by Manufacturers, Countries, Type and Application, Forecast to 2022

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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 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).

Scope of the Report:

This report focuses on the Metal Working Fluids in Global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Market Segment by Manufacturers, this report covers

Houghton

BP

Quaker

FUCHS

Yushiro Chemical

ExxonMobil

Henkel

Chevron

PETROFER

Master Chemical

Buhmwoo Chemical

JX MOE

Blaser

Amer

Francool

Dow

Talent

Sinopec

Oemeta

Milacron

Peisun

Boer technology

Market Segment by Regions, regional analysis covers

North America (USA, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Columbia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Metal Removal Fluids

Metal Treating Fluids

Metal Forming Fluids

Metal Protecting Fluids

Market Segment by Applications, can be divided into

Automotive Industry

General Industry

Others

There are 15 Chapters to deeply display the global Metal Working Fluids market.

Chapter 1, to describe Metal Working Fluids Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Metal Working Fluids, with sales, revenue, and price of Metal Working Fluids, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Metal Working Fluids, for each region, from 2012 to 2017;

Chapter 5, 6, 7, 8 and 9, to analyze the key regions, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2012 to 2017;

Chapter 12, Metal Working Fluids market forecast, by regions, type and application, with sales and revenue, from 2017 to 2022;

Chapter 13, 14 and 15, to describe Metal Working Fluids sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

## Contents

### 1 MARKET OVERVIEW

- 1.1 Metal Working Fluids Introduction
- 1.2 Market Analysis by Type
  - 1.2.2 Metal Removal Fluids
  - 1.2.3 Metal Treating Fluids
  - 1.2.4 Metal Forming Fluids
  - 1.2.5 Metal Protecting Fluids
- 1.3 Market Analysis by Applications
  - 1.3.2 Automotive Industry
  - 1.3.3 General Industry
  - 1.3.4 Others
- 1.4 Market Analysis by Regions
  - 1.4.1 North America (USA, Canada and Mexico)
    - 1.4.1.1 USA Market States and Outlook (2012-2022)
    - 1.4.1.2 Canada Market States and Outlook (2012-2022)
    - 1.4.1.3 Mexico Market States and Outlook (2012-2022)
  - 1.4.2 Europe (Germany, France, UK, Russia and Italy)
    - 1.4.2.1 Germany Market States and Outlook (2012-2022)
    - 1.4.2.2 France Market States and Outlook (2012-2022)
    - 1.4.2.3 UK Market States and Outlook (2012-2022)
    - 1.4.2.4 Russia Market States and Outlook (2012-2022)
    - 1.4.2.5 Italy Market States and Outlook (2012-2022)
  - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
    - 1.4.3.1 China Market States and Outlook (2012-2022)
    - 1.4.3.2 Japan Market States and Outlook (2012-2022)
    - 1.4.3.3 Korea Market States and Outlook (2012-2022)
    - 1.4.3.4 India Market States and Outlook (2012-2022)
    - 1.4.3.5 Southeast Asia Market States and Outlook (2012-2022)
  - 1.4.4 South America, Middle East and Africa
    - 1.4.4.1 Brazil Market States and Outlook (2012-2022)
    - 1.4.4.2 Egypt Market States and Outlook (2012-2022)
    - 1.4.4.3 Saudi Arabia Market States and Outlook (2012-2022)
    - 1.4.4.4 South Africa Market States and Outlook (2012-2022)
    - 1.4.4.5 Nigeria Market States and Outlook (2012-2022)
- 1.5 Market Dynamics
  - 1.5.1 Market Opportunities

1.5.2 Market Risk

1.5.3 Market Driving Force

## **2 MANUFACTURERS PROFILES**

### **2.1 Houghton**

2.1.1 Business Overview

2.1.2 Metal Working Fluids Type and Applications

2.1.2.1 Type

2.1.2.2 Type

2.1.3 Houghton Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### **2.2 BP**

2.2.1 Business Overview

2.2.2 Metal Working Fluids Type and Applications

2.2.2.1 Type

2.2.2.2 Type

2.2.3 BP Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### **2.3 Quaker**

2.3.1 Business Overview

2.3.2 Metal Working Fluids Type and Applications

2.3.2.1 Type

2.3.2.2 Type

2.3.3 Quaker Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### **2.4 FUCHS**

2.4.1 Business Overview

2.4.2 Metal Working Fluids Type and Applications

2.4.2.1 Type

2.4.2.2 Type

2.4.3 FUCHS Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### **2.5 Yushiro Chemical**

2.5.1 Business Overview

2.5.2 Metal Working Fluids Type and Applications

2.5.2.1 Type

2.5.2.2 Type

2.5.3 Yushiro Chemical Metal Working Fluids Sales, Price, Revenue, Gross Margin

and Market Share (2016-2017)

## 2.6 ExxonMobil

2.6.1 Business Overview

2.6.2 Metal Working Fluids Type and Applications

2.6.2.1 Type

2.6.2.2 Type

2.6.3 ExxonMobil Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

## 2.7 Henkel

2.7.1 Business Overview

2.7.2 Metal Working Fluids Type and Applications

2.7.2.1 Type

2.7.2.2 Type

2.7.3 Henkel Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

## 2.8 Chevron

2.8.1 Business Overview

2.8.2 Metal Working Fluids Type and Applications

2.8.2.1 Type

2.8.2.2 Type

2.8.3 Chevron Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

## 2.9 PETROFER

2.9.1 Business Overview

2.9.2 Metal Working Fluids Type and Applications

2.9.2.1 Type

2.9.2.2 Type

2.9.3 PETROFER Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

## 2.10 Master Chemical

2.10.1 Business Overview

2.10.2 Metal Working Fluids Type and Applications

2.10.2.1 Type

2.10.2.2 Type

2.10.3 Master Chemical Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

## 2.11 Buhmwoo Chemical

2.11.1 Business Overview

2.11.2 Metal Working Fluids Type and Applications

2.11.2.1 Type

2.11.2.2 Type

2.11.3 Buhmwoo Chemical Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.12 JX MOE

2.12.1 Business Overview

2.12.2 Metal Working Fluids Type and Applications

2.12.2.1 Type

2.12.2.2 Type

2.12.3 JX MOE Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.13 Blaser

2.13.1 Business Overview

2.13.2 Metal Working Fluids Type and Applications

2.13.2.1 Type

2.13.2.2 Type

2.13.3 Blaser Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.14 Amer

2.14.1 Business Overview

2.14.2 Metal Working Fluids Type and Applications

2.14.2.1 Type

2.14.2.2 Type

2.14.3 Amer Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.15 Francool

2.15.1 Business Overview

2.15.2 Metal Working Fluids Type and Applications

2.15.2.1 Type

2.15.2.2 Type

2.15.3 Francool Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.16 Dow

2.16.1 Business Overview

2.16.2 Metal Working Fluids Type and Applications

2.16.2.1 Type

2.16.2.2 Type

2.16.3 Dow Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)



## 2.17 Talent

### 2.17.1 Business Overview

### 2.17.2 Metal Working Fluids Type and Applications

#### 2.17.2.1 Type

#### 2.17.2.2 Type

### 2.17.3 Talent Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

## 2.18 Sinopec

### 2.18.1 Business Overview

### 2.18.2 Metal Working Fluids Type and Applications

#### 2.18.2.1 Type

#### 2.18.2.2 Type

### 2.18.3 Sinopec Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

## 2.19 Oemeta

### 2.19.1 Business Overview

### 2.19.2 Metal Working Fluids Type and Applications

#### 2.19.2.1 Type

#### 2.19.2.2 Type

### 2.19.3 Oemeta Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

## 2.20 Milacron

### 2.20.1 Business Overview

### 2.20.2 Metal Working Fluids Type and Applications

#### 2.20.2.1 Type

#### 2.20.2.2 Type

### 2.20.3 Milacron Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

## 2.21 Peisun

### 2.21.1 Business Overview

### 2.21.2 Metal Working Fluids Type and Applications

#### 2.21.2.1 Type

#### 2.21.2.2 Type

### 2.21.3 Peisun Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

## 2.22 Boer technology

### 2.22.1 Business Overview

### 2.22.2 Metal Working Fluids Type and Applications

#### 2.22.2.1 Type

#### 2.22.2.2 Type

2.22.3 Boer technology Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### **3 GLOBAL METAL WORKING FLUIDS MARKET COMPETITION, BY MANUFACTURER**

3.1 Global Metal Working Fluids Sales and Market Share by Manufacturer

3.2 Global Metal Working Fluids Revenue and Market Share by Manufacturer

3.3 Market Concentration Rate

3.3.1 Top 3 Metal Working Fluids Manufacturer Market Share

3.3.2 Top 6 Metal Working Fluids Manufacturer Market Share

3.4 Market Competition Trend

### **4 GLOBAL METAL WORKING FLUIDS MARKET ANALYSIS BY REGIONS**

4.1 Global Metal Working Fluids Sales, Revenue and Market Share by Regions

4.1.1 Global Metal Working Fluids Sales by Regions (2012-2017)

4.1.2 Global Metal Working Fluids Revenue by Regions (2012-2017)

4.2 North America Metal Working Fluids Sales and Growth (2012-2017)

4.3 Europe Metal Working Fluids Sales and Growth (2012-2017)

4.4 Asia-Pacific Metal Working Fluids Sales and Growth (2012-2017)

4.5 South America Metal Working Fluids Sales and Growth (2012-2017)

4.6 Middle East and Africa Metal Working Fluids Sales and Growth (2012-2017)

### **5 NORTH AMERICA METAL WORKING FLUIDS BY COUNTRIES**

5.1 North America Metal Working Fluids Sales, Revenue and Market Share by Countries

5.1.1 North America Metal Working Fluids Sales by Countries (2012-2017)

5.1.2 North America Metal Working Fluids Revenue by Countries (2012-2017)

5.2 USA Metal Working Fluids Sales and Growth (2012-2017)

5.3 Canada Metal Working Fluids Sales and Growth (2012-2017)

5.4 Mexico Metal Working Fluids Sales and Growth (2012-2017)

### **6 EUROPE METAL WORKING FLUIDS BY COUNTRIES**

6.1 Europe Metal Working Fluids Sales, Revenue and Market Share by Countries

6.1.1 Europe Metal Working Fluids Sales by Countries (2012-2017)

- 6.1.2 Europe Metal Working Fluids Revenue by Countries (2012-2017)
- 6.2 Germany Metal Working Fluids Sales and Growth (2012-2017)
- 6.3 UK Metal Working Fluids Sales and Growth (2012-2017)
- 6.4 France Metal Working Fluids Sales and Growth (2012-2017)
- 6.5 Russia Metal Working Fluids Sales and Growth (2012-2017)
- 6.6 Italy Metal Working Fluids Sales and Growth (2012-2017)

## **7 ASIA-PACIFIC METAL WORKING FLUIDS BY COUNTRIES**

- 7.1 Asia-Pacific Metal Working Fluids Sales, Revenue and Market Share by Countries
  - 7.1.1 Asia-Pacific Metal Working Fluids Sales by Countries (2012-2017)
  - 7.1.2 Asia-Pacific Metal Working Fluids Revenue by Countries (2012-2017)
- 7.2 China Metal Working Fluids Sales and Growth (2012-2017)
- 7.3 Japan Metal Working Fluids Sales and Growth (2012-2017)
- 7.4 Korea Metal Working Fluids Sales and Growth (2012-2017)
- 7.5 India Metal Working Fluids Sales and Growth (2012-2017)
- 7.6 Southeast Asia Metal Working Fluids Sales and Growth (2012-2017)

## **8 SOUTH AMERICA METAL WORKING FLUIDS BY COUNTRIES**

- 8.1 South America Metal Working Fluids Sales, Revenue and Market Share by Countries
  - 8.1.1 South America Metal Working Fluids Sales by Countries (2012-2017)
  - 8.1.2 South America Metal Working Fluids Revenue by Countries (2012-2017)
- 8.2 Brazil Metal Working Fluids Sales and Growth (2012-2017)
- 8.3 Argentina Metal Working Fluids Sales and Growth (2012-2017)
- 8.4 Columbia Metal Working Fluids Sales and Growth (2012-2017)

## **9 MIDDLE EAST AND AFRICA METAL WORKING FLUIDS BY COUNTRIES**

- 9.1 Middle East and Africa Metal Working Fluids Sales, Revenue and Market Share by Countries
  - 9.1.1 Middle East and Africa Metal Working Fluids Sales by Countries (2012-2017)
  - 9.1.2 Middle East and Africa Metal Working Fluids Revenue by Countries (2012-2017)
- 9.2 Saudi Arabia Metal Working Fluids Sales and Growth (2012-2017)
- 9.3 UAE Metal Working Fluids Sales and Growth (2012-2017)
- 9.4 Egypt Metal Working Fluids Sales and Growth (2012-2017)
- 9.5 Nigeria Metal Working Fluids Sales and Growth (2012-2017)
- 9.6 South Africa Metal Working Fluids Sales and Growth (2012-2017)

## **10 GLOBAL METAL WORKING FLUIDS MARKET SEGMENT BY TYPE**

10.1 Global Metal Working Fluids Sales, Revenue and Market Share by Type (2012-2017)

10.1.1 Global Metal Working Fluids Sales and Market Share by Type (2012-2017)

10.1.2 Global Metal Working Fluids Revenue and Market Share by Type (2012-2017)

10.2 Metal Removal Fluids Sales Growth and Price

10.2.1 Global Metal Removal Fluids Sales Growth (2012-2017)

10.2.2 Global Metal Removal Fluids Price (2012-2017)

10.3 Metal Treating Fluids Sales Growth and Price

10.3.1 Global Metal Treating Fluids Sales Growth (2012-2017)

10.3.2 Global Metal Treating Fluids Price (2012-2017)

10.4 Metal Forming Fluids Sales Growth and Price

10.4.1 Global Metal Forming Fluids Sales Growth (2012-2017)

10.4.2 Global Metal Forming Fluids Price (2012-2017)

10.5 Metal Protecting Fluids Sales Growth and Price

10.5.1 Global Metal Protecting Fluids Sales Growth (2012-2017)

10.5.2 Global Metal Protecting Fluids Price (2012-2017)

## **11 GLOBAL METAL WORKING FLUIDS MARKET SEGMENT BY APPLICATION**

11.1 Global Metal Working Fluids Sales Market Share by Application (2012-2017)

11.2 Automotive Industry Sales Growth (2012-2017)

11.3 General Industry Sales Growth (2012-2017)

11.4 Others Sales Growth (2012-2017)

## **12 METAL WORKING FLUIDS MARKET FORECAST (2017-2022)**

12.1 Global Metal Working Fluids Sales, Revenue and Growth Rate (2017-2022)

12.2 Metal Working Fluids Market Forecast by Regions (2017-2022)

12.2.1 North America Metal Working Fluids Market Forecast (2017-2022)

12.2.2 Europe Metal Working Fluids Market Forecast (2017-2022)

12.2.3 Asia-Pacific Metal Working Fluids Market Forecast (2017-2022)

12.2.4 South America Metal Working Fluids Market Forecast (2017-2022)

12.2.5 Middle East and Africa Metal Working Fluids Market Forecast (2017-2022)

12.3 Metal Working Fluids Market Forecast by Type (2017-2022)

12.4 Metal Working Fluids Market Forecast by Application (2017-2022)

## **13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS**

### 13.1 Sales Channel

#### 13.1.1 Direct Marketing

#### 13.1.2 Indirect Marketing

#### 13.1.3 Marketing Channel Future Trend

### 13.2 Distributors, Traders and Dealers

## **14 RESEARCH FINDINGS AND CONCLUSION**

## **15 APPENDIX**

### 15.1 Methodology

### 15.2 Analyst Introduction

### 15.3 Data Source

## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Metal Working Fluids Picture

Table Product Specifications of Metal Working Fluids

Figure Global Sales Market Share of Metal Working Fluids by Types in 2016

Table Metal Working Fluids Types for Major Manufacturers

Figure Metal Removal Fluids Picture

Figure Metal Treating Fluids Picture

Figure Metal Forming Fluids Picture

Figure Metal Protecting Fluids Picture

Table Metal Working Fluids Sales Market Share by Applications in 2016

Figure Automotive Industry Picture

Figure General Industry Picture

Figure Others Picture

Figure USA Metal Working Fluids Revenue (Value) and Growth Rate (2012-2022)

Figure Canada Metal Working Fluids Revenue (Value) and Growth Rate (2012-2022)

Figure Mexico Metal Working Fluids Revenue (Value) and Growth Rate (2012-2022)

Figure Germany Metal Working Fluids Revenue (Value) and Growth Rate (2012-2022)

Figure France Metal Working Fluids Revenue (Value) and Growth Rate (2012-2022)

Figure UK Metal Working Fluids Revenue (Value) and Growth Rate (2012-2022)

Figure Russia Metal Working Fluids Revenue (Value) and Growth Rate (2012-2022)

Figure Italy Metal Working Fluids Revenue (Value) and Growth Rate (2012-2022)

Figure China Metal Working Fluids Revenue (Value) and Growth Rate (2012-2022)

Figure Japan Metal Working Fluids Revenue (Value) and Growth Rate (2012-2022)

Figure Korea Metal Working Fluids Revenue (Value) and Growth Rate (2012-2022)

Figure India Metal Working Fluids Revenue (Value) and Growth Rate (2012-2022)

Figure Southeast Asia Metal Working Fluids Revenue (Value) and Growth Rate (2012-2022)

Figure Brazil Metal Working Fluids Revenue (Value) and Growth Rate (2012-2022)

Figure Egypt Metal Working Fluids Revenue (Value) and Growth Rate (2012-2022)

Figure Saudi Arabia Metal Working Fluids Revenue (Value) and Growth Rate (2012-2022)

Figure South Africa Metal Working Fluids Revenue (Value) and Growth Rate (2012-2022)

Figure Nigeria Metal Working Fluids Revenue (Value) and Growth Rate (2012-2022)

Table Houghton Basic Information, Manufacturing Base and Competitors

Table Houghton Metal Working Fluids Type and Applications



Table Houghton Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table BP Basic Information, Manufacturing Base and Competitors

Table BP Metal Working Fluids Type and Applications

Table BP Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Quaker Basic Information, Manufacturing Base and Competitors

Table Quaker Metal Working Fluids Type and Applications

Table Quaker Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table FUCHS Basic Information, Manufacturing Base and Competitors

Table FUCHS Metal Working Fluids Type and Applications

Table FUCHS Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Yushiro Chemical Basic Information, Manufacturing Base and Competitors

Table Yushiro Chemical Metal Working Fluids Type and Applications

Table Yushiro Chemical Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table ExxonMobil Basic Information, Manufacturing Base and Competitors

Table ExxonMobil Metal Working Fluids Type and Applications

Table ExxonMobil Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Henkel Basic Information, Manufacturing Base and Competitors

Table Henkel Metal Working Fluids Type and Applications

Table Henkel Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Chevron Basic Information, Manufacturing Base and Competitors

Table Chevron Metal Working Fluids Type and Applications

Table Chevron Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table PETROFER Basic Information, Manufacturing Base and Competitors

Table PETROFER Metal Working Fluids Type and Applications

Table PETROFER Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Master Chemical Basic Information, Manufacturing Base and Competitors

Table Master Chemical Metal Working Fluids Type and Applications

Table Master Chemical Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Buhmwoo Chemical Basic Information, Manufacturing Base and Competitors

Table Buhmwoo Chemical Metal Working Fluids Type and Applications  
Table Buhmwoo Chemical Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)  
Table JX MOE Basic Information, Manufacturing Base and Competitors  
Table JX MOE Metal Working Fluids Type and Applications  
Table JX MOE Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)  
Table Blaser Basic Information, Manufacturing Base and Competitors  
Table Blaser Metal Working Fluids Type and Applications  
Table Blaser Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)  
Table Amer Basic Information, Manufacturing Base and Competitors  
Table Amer Metal Working Fluids Type and Applications  
Table Amer Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)  
Table Francool Basic Information, Manufacturing Base and Competitors  
Table Francool Metal Working Fluids Type and Applications  
Table Francool Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)  
Table Dow Basic Information, Manufacturing Base and Competitors  
Table Dow Metal Working Fluids Type and Applications  
Table Dow Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)  
Table Talent Basic Information, Manufacturing Base and Competitors  
Table Talent Metal Working Fluids Type and Applications  
Table Talent Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)  
Table Sinopec Basic Information, Manufacturing Base and Competitors  
Table Sinopec Metal Working Fluids Type and Applications  
Table Sinopec Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)  
Table Oemeta Basic Information, Manufacturing Base and Competitors  
Table Oemeta Metal Working Fluids Type and Applications  
Table Oemeta Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)  
Table Milacron Basic Information, Manufacturing Base and Competitors  
Table Milacron Metal Working Fluids Type and Applications  
Table Milacron Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)



Table Peisun Basic Information, Manufacturing Base and Competitors  
Table Peisun Metal Working Fluids Type and Applications  
Table Peisun Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)  
Table Boer technology Basic Information, Manufacturing Base and Competitors  
Table Boer technology Metal Working Fluids Type and Applications  
Table Boer technology Metal Working Fluids Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)  
Table Global Metal Working Fluids Sales by Manufacturer (2016-2017)  
Figure Global Metal Working Fluids Sales Market Share by Manufacturer in 2016  
Figure Global Metal Working Fluids Sales Market Share by Manufacturer in 2017  
Table Global Metal Working Fluids Revenue by Manufacturer (2016-2017)  
Figure Global Metal Working Fluids Revenue Market Share by Manufacturer in 2016  
Figure Global Metal Working Fluids Revenue Market Share by Manufacturer in 2017  
Figure Global Metal Working Fluids Sales and Growth (2012-2017)  
Figure Global Metal Working Fluids Revenue and Growth (2012-2017)  
Table Global Metal Working Fluids Sales by Regions (2012-2017)  
Table Global Metal Working Fluids Sales Market Share by Regions (2012-2017)  
Table Global Metal Working Fluids Revenue by Regions (2012-2017)  
Table Global Metal Working Fluids Revenue Market Share by Regions in 2012  
Table Global Metal Working Fluids Revenue Market Share by Regions in 2016  
Figure North America Metal Working Fluids Sales and Growth (2012-2017)  
Figure Europe Metal Working Fluids Sales and Growth (2012-2017)  
Figure Asia-Pacific Metal Working Fluids Sales and Growth (2012-2017)  
Figure South America Metal Working Fluids Sales and Growth (2012-2017)  
Figure Middle East and Africa Metal Working Fluids Sales and Growth (2012-2017)  
Figure North America Metal Working Fluids Revenue and Growth (2012-2017)  
Table North America Metal Working Fluids Sales by Countries (2012-2017)  
Table North America Metal Working Fluids Sales Market Share by Countries (2012-2017)  
Figure North America Metal Working Fluids Sales Market Share by Countries in 2012  
Figure North America Metal Working Fluids Sales Market Share by Countries in 2016  
Table North America Metal Working Fluids Revenue by Countries (2012-2017)  
Table North America Metal Working Fluids Revenue Market Share by Countries (2012-2017)  
Figure North America Metal Working Fluids Revenue Market Share by Countries in 2012  
Figure North America Metal Working Fluids Revenue Market Share by Countries in 2016

Figure USA Metal Working Fluids Sales and Growth (2012-2017)  
Figure Canada Metal Working Fluids Sales and Growth (2012-2017)  
Figure Mexico Metal Working Fluids Sales and Growth (2012-2017)  
Figure Europe Metal Working Fluids Revenue and Growth (2012-2017)  
Table Europe Metal Working Fluids Sales by Countries (2012-2017)  
Table Europe Metal Working Fluids Sales Market Share by Countries (2012-2017)  
Table Europe Metal Working Fluids Revenue by Countries (2012-2017)  
Table Europe Metal Working Fluids Revenue Market Share by Countries in 2012  
Table Europe Metal Working Fluids Revenue Market Share by Countries in 2016  
Figure Germany Metal Working Fluids Sales and Growth (2012-2017)  
Figure UK @Metal Working Fluids Sales and Growth (2012-2017)  
Figure France Metal Working Fluids Sales and Growth (2012-2017)  
Figure Russia Metal Working Fluids Sales and Growth (2012-2017)  
Figure Italy Metal Working Fluids Sales and Growth (2012-2017)  
Figure Asia-Pacific Metal Working Fluids Revenue and Growth (2012-2017)  
Table Asia-Pacific Metal Working Fluids Sales by Countries (2012-2017)  
Table Asia-Pacific Metal Working Fluids Sales Market Share by Countries (2012-2017)  
Table Asia-Pacific Metal Working Fluids Sales Market Share by Countries (2012-2017)  
Table Asia-Pacific Metal Working Fluids Revenue by Countries (2012-2017)  
Table Asia-Pacific Metal Working Fluids Revenue Market Share by Countries (2012-2017)  
Figure China Metal Working Fluids Sales and Growth (2012-2017)  
Figure Japan Metal Working Fluids Sales and Growth (2012-2017)  
Figure Korea Metal Working Fluids Sales and Growth (2012-2017)  
Figure India Metal Working Fluids Sales and Growth (2012-2017)  
Figure Southeast Asia Metal Working Fluids Sales and Growth (2012-2017)  
Figure South America Metal Working Fluids Revenue and Growth (2012-2017)  
Table South America Metal Working Fluids Sales by Countries (2012-2017)  
Table South America Metal Working Fluids Sales Market Share by Countries (2012-2017)  
Figure South America Metal Working Fluids Sales Market Share by Countries in 2016  
Table South America Metal Working Fluids Revenue by Countries (2012-2017)  
Table South America Metal Working Fluids Revenue Market Share by Countries (2012-2017)  
Figure South America Metal Working Fluids Revenue Market Share by Countries in 2012  
Figure South America Metal Working Fluids Revenue Market Share by Countries in 2016  
Figure Brazil Metal Working Fluids Sales and Growth (2012-2017)

Figure Argentina Metal Working Fluids Sales and Growth (2012-2017)  
Figure Columbia Metal Working Fluids Sales and Growth (2012-2017)  
Figure Middle East and Africa Metal Working Fluids Revenue and Growth (2012-2017)  
Table Middle East and Africa Metal Working Fluids Sales by Countries (2012-2017)  
Table Middle East and Africa Metal Working Fluids Sales Market Share by Countries (2012-2017)  
Figure Middle East and Africa Metal Working Fluids Sales Market Share by Countries in 2016  
Table Middle East and Africa Metal Working Fluids Revenue by Countries (2012-2017)  
Table Middle East and Africa Metal Working Fluids Revenue Market Share by Countries (2012-2017)  
Figure Middle East and Africa Metal Working Fluids Revenue Market Share by Countries in 2012  
Figure Middle East and Africa Metal Working Fluids Revenue Market Share by Countries in 2016  
Figure Saudi Arabia Metal Working Fluids Sales and Growth (2012-2017)  
Figure UAE Metal Working Fluids Sales and Growth (2012-2017)  
Figure Egypt Metal Working Fluids Sales and Growth (2012-2017)  
Figure Nigeria Metal Working Fluids Sales and Growth (2012-2017)  
Figure South Africa Metal Working Fluids Sales and Growth (2012-2017)  
Table Global Metal Working Fluids Sales by Type (2012-2017)  
Table Global Metal Working Fluids Sales Share by Type (2012-2017)  
Table Global Metal Working Fluids Revenue by Type (2012-2017)  
Table Global Metal Working Fluids Revenue Share by Type (2012-2017)  
Figure Global Metal Removal Fluids Sales Growth (2012-2017)  
Figure Global Metal Removal Fluids Price (2012-2017)  
Figure Global Metal Treating Fluids Sales Growth (2012-2017)  
Figure Global Metal Treating Fluids Price (2012-2017)  
Figure Global Metal Forming Fluids Sales Growth (2012-2017)  
Table Global Metal Working Fluids Sales by Application (2012-2017)  
Figure Global Metal Protecting Fluids Sales Growth (2012-2017)  
Figure Global Metal Protecting Fluids Price (2012-2017)  
Table Global Metal Working Fluids Sales by Application (2012-2017)  
Table Global Metal Working Fluids Sales Share by Application (2012-2017)  
Figure Global Automotive Industry Sales Growth (2012-2017)  
Figure Global General Industry Sales Growth (2012-2017)  
Figure Global Others Sales Growth (2012-2017)  
Figure Global Metal Working Fluids Sales, Revenue and Growth Rate (2017 -2022)  
Table Global Metal Working Fluids Sales Forecast by Regions (2017-2022)

Table Global Metal Working Fluids Market Share Forecast by Regions (2017-2022)  
Figure North America Sales Metal Working Fluids Market Forecast (2017-2022)  
Figure Europe Sales Metal Working Fluids Market Forecast (2017-2022)  
Figure Asia-Pacific Sales Metal Working Fluids Market Forecast (2017-2022)  
Figure South America Sales Metal Working Fluids Market Forecast (2017-2022)  
Figure Middle East and Africa Sales Metal Working Fluids Market Forecast (2017-2022)  
Table Global Metal Working Fluids Sales Forecast by Type (2017-2022)  
Table Global Metal Working Fluids Market Share Forecast by Type (2017-2022)  
Table Global Metal Working Fluids Sales Forecast by Application (2017-2022)  
Table Global Metal Working Fluids Market Share Forecast by Application (2017-2022)  
Table Distributors/Traders/ Dealers List%%

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