

Global Metal Working Fluids Market Forecast 2017-2023

<https://marketpublishers.com/r/GA093D207A9EN.html>

Date: February 2017

Pages: 198

Price: US\$ 2,500.00 (Single User License)

ID: GA093D207A9EN

Abstracts

KEY FINDINGS

Metal working fluids are oils with high viscosity, primarily used for lubrication and cooling of the metal work sections. The metal work sections when are processed to carry out functions like grinding, milling, machining and other such functions, friction and heat is produced between the work piece and cutting tool. Metal working fluids aids reduction of the heat and friction by lubricating the metals for smooth functioning as well as reducing burning and smoking. They also improvise the surface finish and add to the life of the tools, these two factors are considered favorable for the growth of the Metal working fluids market.

The Metal working fluids market in 2014 was estimated to be USD 8.30 Billion and is projected to grow at a CAGR 3.2% during the forecast period of 2017-2024. Metal working fluids have high stability for both high and low extreme temperatures as well as chemical resistance which is an essential requirement in the growing automotive industry thus rapidly driving the market.

Metal working fluids market is segmented on the basis of geography, product type and application. The segmentation by product type is on the basis of removal fluids, forming fluids, protecting fluids and treating fluids. The classification of the application is on basis of transportation equipment, machinery, fabricated metal products, primary metals and metal cans and others.

MARKET INSIGHTS

The Metal working fluids market is primarily driven with the growth in automotive

industry. High production rate, less downtime and enhancement of tool life are the key factor driving the Metal working fluids market.

There is a demand for a multipurpose working fluid which protects the tools while resulting in higher rate of production. The original equipment manufacturers are using gallium, titanium and palladium for diverse manufacturing processes. This invention would produce more demand for Metal working fluid that can be compatible with various metals. High performance Metal fluid working that can be used for superior high pressure fluid system effective for efficient functioning is demanded by the Aerospace industry.

The global economic crisis was a huge setback for the Metal working fluid industry and automotive industry. The recent rebound of the automotive industry led to an upswing to the demand of Metal working fluids on the global front. The factors that act as restraints to the Metal working fluid market are high vulnerability to microbial attack and regulatory use of anti-microbial chemicals for protection are major market restraints for Metal working fluid.

REGIONAL INSIGHTS

Market regions that are covered in the report are Asia pacific, North America, Europe and Rest of the world. North America Metal working fluids Market is poised to witness significant upraise with high consumption in Automobile industry. Asia pacific Metal working fluids market is expected to grow with establishment of automotive industries in developing economies. The growing demand for robust automobile manufacturing base with growing demand in regions of Europe is expected to inflate the Metal working fluids market in Europe.

COMPETITIVE INSIGHTS

Metal working fluids is a highly competitive and disintegrated market. The major market players for Metal working fluids market are BP plc, Idemitsu Kosan, Quaker Chemicals, Yushiro, Exxon Mobile, Fuchs Petrolub, Houghton International, Chevron, Lukoil and Lubrizol.

Contents

1. RESEARCH SCOPE

- 1.1. STUDY GOALS
- 1.2. SCOPE OF THE MARKET STUDY
- 1.3. WHO WILL FIND THIS REPORT USEFUL?
- 1.4. STUDY AND FORECASTING YEARS

2. RESEARCH METHODOLOGY

- 2.1. SOURCES OF DATA
 - 2.1.1. SECONDARY DATA
 - 2.1.2. PRIMARY DATA
- 2.2. TOP DOWN APPROACH
- 2.3. BOTTOM UP APPROACH
- 2.4. DATA TRIANGULATION
- 2.5. ESTIMATION METHODOLOGY

3. EXECUTIVE SUMMARY

4. MARKET OVERVIEW

- 4.1. INTRODUCTION
- 4.2. MARKET HIGHLIGHTS
 - 4.2.1. MARKET SIZE AND FORECAST
 - 4.2.2. GROWING POPULARITY OF SYNTHEMIC METAL WORKING FLUIDS IN ASIA-PACIFIC
 - 4.2.3. RISING DEMAND FOR INNOVATIVE PRODUCTS IN METAL WORKING FLUIDS
- 4.3. KEY BUYING CRITERIA
 - 4.3.1. COST
 - 4.3.2. AVAILABILITY
 - 4.3.3. REGULATIONS
- 4.4. PORTER'S FIVE FORCE ANALYSIS
 - 4.4.1. BARGAINING POWER OF SUPPLIERS
 - 4.4.2. BARGAINING POWER OF BUYERS
 - 4.4.3. THREAT OF SUBSTITUTE PRODUCTS AND SERVICES
 - 4.4.4. THREAT OF NEW ENTRANTS

4.4.5. DEGREE OF COMPETITION

5. MARKET DETERMINANTS

5.1. DRIVERS OF METAL WORKING FLUIDS MARKET

5.1.1. GROWING DEMAND FROM THE TRANSPORTATION INDUSTRY

5.1.2. GROWING POPULARITY OF SYNTHETIC METAL WORKING FLUIDS IN ASIA-PACIFIC

5.1.3. RISING DEMAND FOR INNOVATIVE PRODUCTS AND R&D ACTIVITIES

5.2. RESTRAINTS

5.2.1. VULNERABLE TO MICROBIAL ATTACK

5.2.2. ENVIRONMENT, HEALTH, AND SAFETY ISSUES

5.2.3. REDUCING TRADE ACTIVITIES IN ASIA-PACIFIC REGION, ESPECIALLY IN CHINA AND JAPAN

5.3. OPPORTUNITIES

5.3.1. GROWING ADOPTION OF NEAR DRY MACHINING AND OTHER MANUFACTURING TECHNIQUES

5.3.2. EMERGENCE OF CHINA AND INDIA AS MANUFACTURING HUBS

5.3.3. SHIFTING FOCUS TOWARDS REDUCING COST IN PRIMARY METAL MANUFACTURING

6. MARKET SEGMENTATION

6.1. BY PRODUCT TYPE

6.1.1. REMOVAL FLUIDS

6.1.2. FORMING FLUIDS

6.1.3. PROTECTING FLUIDS

6.1.4. TREATING FLUIDS

6.2. BY APPLICATION TYPES

6.2.1. TRANSPORTATION EQUIPMENT

6.2.2. MACHINERY

6.2.3. FABRICATED METAL PRODCUTS

6.2.4. PRIMARY METALS

6.2.5. METAL CANS AND OTHERS

7. KEY ANALYTICS

7.1. KEY COMPANY ANALYSIS

7.2. MARKET SHARE ANALYSIS

8. GLOBAL METAL WORKING FLUIDS MARKET BY GEOGRAPHY

8.1. ASIA PACIFIC

- 8.1.1. CHINA
- 8.1.2. INDIA
- 8.1.3. JAPAN
- 8.1.4. SOUTH KOREA
- 8.1.5. REST OF ASIA-PACIFIC

8.2. NORTH AMERICA

- 8.2.1. UNITED STATES
- 8.2.2. CANADA
- 8.2.3. MEXICO
- 8.2.4. REST OF NORTH AMERICA

8.3. EUROPE

- 8.3.1. GERMANY
- 8.3.2. FRANCE
- 8.3.3. ITALY
- 8.3.4. UNITED KINGDOM
- 8.3.5. REST OF EUROPE

8.4. REST OF THE WORLD

- 8.4.1. MIDDLE-EAST AND AFRICA
- 8.4.2. SOUTH AMERICA

9. COMPANY PROFILING

9.1. BP PLC

- 9.1.1. OVERVIEW
- 9.1.2. PRODUCTS PORTFOLIO
- 9.1.3. SCOT ANALYSIS

9.2. IDEMITSU KOSAN

- 9.2.1. OVERVIEW
- 9.2.2. PRODUCTS PORTFOLIO
- 9.2.3. SCOT ANALYSIS

9.3. QUAKER CHEMICALS

- 9.3.1. OVERVIEW
- 9.3.2. PRODUCTS PORTFOLIO
- 9.3.3. SCOT ANALYSIS

9.4. EXXON MOBIL

- 9.4.1. OVERVIEW
- 9.4.2. PRODUCTS PORTFOLIO
- 9.4.3. SCOT ANALYSIS
- 9.5. FUCHS PETROLUB
 - 9.5.1. OVERVIEW
 - 9.5.2. PRODUCTS PORTFOLIO
 - 9.5.3. SCOT ANALYSIS
- 9.6. CHEVRON PHILLIPS INC.
 - 9.6.1. OVERVIEW
 - 9.6.2. PRODUCTS PORTFOLIO
 - 9.6.3. STRATEGIC MOVES
 - 9.6.4. SCOT ANALYSIS
- 9.7. HOUGHTON INTERNATIONAL
 - 9.7.1. OVERVIEW
 - 9.7.2. PRODUCTS PORTFOLIO
 - 9.7.3. SCOT ANALYSIS
- 9.8. LUKOIL
 - 9.8.1. OVERVIEW
 - 9.8.2. PRODUCTS PORTFOLIO
 - 9.8.3. SCOT ANALYSIS
- 9.9. LUBRIZOL
 - 9.9.1. OVERVIEW
 - 9.9.2. PRODUCTS PORTFOLIO
 - 9.9.3. SCOT ANALYSIS
- 9.10. YUSHIRO
 - 9.10.1. OVERVIEW
 - 9.10.2. PRODUCTS PORTFOLIO
 - 9.10.3. SCOT ANALYSIS

List Of Tables

LIST OF TABLES

TABLE 1 GLOBAL METAL WORKING FLUIDS MARKET BY PRODUCT TYPE, 2016-2023 (IN USD MILLION)

TABLE 2 GLOBAL REMOVAL FLUIDS MARKET, BY REGION, 2016-2023 (IN USD MILLION)

TABLE 3 GLOBAL FORMING FLUIDS MARKET, BY REGION, 2016-2023 (IN USD MILLION)

TABLE 4 GLOBAL PROTECTING FLUIDS MARKET, BY REGION, 2016-2023 (IN USD MILLION)

TABLE 5 GLOBAL TREATING FLUIDS MARKET, BY REGION, 2016-2023 (IN USD MILLION)

TABLE 6 GLOBAL METAL WORKING FLUIDS MARKET, BY APPLICATION TYPES, 2016-2023 (IN USD MILLION)

TABLE 7 GLOBAL METAL WORKING FLUIDS MARKET IN TRANSPORTATION EQUIPMENT, BY REGION, 2016-2023 (IN USD MILLION)

TABLE 8 GLOBAL METAL WORKING FLUIDS MARKET IN MACHINERY APPLICATION BY GEOGRAPHY, 2016-2023 (IN USD MILLION)

TABLE 9 ASIA PACIFIC METAL WORKING FLUIDS MARKET BY COUNTRY 2016-2023 (IN USD MILLION)

TABLE 10 ASIA PACIFIC METAL WORKING FLUIDS MARKET BY PRODUCT TYPE, 2016-2023 (IN USD MILLION)

TABLE 11 ASIA-PACIFIC METAL WORKING FLUIDS MARKET BY APPLICATION, 2016-2023 (IN USD MILLION)

TABLE 12 ASIA PACIFIC METAL WORKING FLUIDS MARKET IN TRANSPORTATION EQUIPMENT, BY COUNTRY 2016-2023 (IN USD MILLION)

TABLE 13 ASIA PACIFIC METAL WORKING FLUIDS MARKET IN MACHINERY, BY COUNTRY 2016-2023 (IN USD MILLION)

TABLE 14 ASIA PACIFIC METAL WORKING FLUIDS MARKET IN FABRICATED METAL PRODUCTS, BY COUNTRY 2016-2023 (IN USD MILLION)

TABLE 15 ASIA PACIFIC METAL WORKING FLUIDS MARKET IN PRIMARY METAL, BY COUNTRY 2016-2023 (IN USD MILLION)

TABLE 16 ASIA PACIFIC METAL WORKING FLUIDS MARKET IN METAL CANS AND OTHERS, BY COUNTRY 2016-2023 (IN USD MILLION)

TABLE 17 CHINA METAL WORKING FLUIDS MARKET, BY APPLICATION, 2016-2023 (IN USD MILLION)

TABLE 18 INDIA METAL WORKING FLUIDS MARKET, BY APPLICATION, 2016-2023

(IN USD MILLION)

TABLE 19 JAPAN METAL WORKING FLUIDS MARKET, BY APPLICATION,
2016-2023 (IN USD MILLION)

TABLE 20 SOUTH KOREA METAL WORKING FLUIDS MARKET, BY APPLICATION,
2016-2023 (IN USD MILLION)

TABLE 21 REST OF ASIA-PACIFIC METAL WORKING FLUIDS MARKET, BY
APPLICATION, 2016-2023 (IN USD MILLION)

TABLE 22 NORTH AMERICA METAL WORKING FLUIDS MARKET, BY COUNTRY
2016-2023 (IN USD MILLION)

TABLE 23 NORTH AMERICA METAL WORKING FLUIDS MARKET BY PRODUCT
TYPE, 2016-2023 (IN USD MILLION)

TABLE 24 NORTH AMERICA METAL WORKING FLUIDS MARKET BY
APPLICATION, 2016-2023 (IN USD MILLION)

TABLE 25 NORTH AMERICA METAL WORKING FLUIDS MARKET IN
TRANSPORTATION EQUIPMENT, BY COUNTRY 2016-2023 (IN USD MILLION)

TABLE 26 NORTH AMERICA METAL WORKING FLUIDS MARKET IN MACHINERY,
BY COUNTRY 2016-2023 (IN USD MILLION)

TABLE 27 NORTH AMERICA METAL WORKING FLUIDS MARKET IN FABRICATED
METAL PRODUCTS, BY COUNTRY 2016-2023 (IN USD MILLION)

TABLE 28 NORTH AMERICA METAL WORKING FLUIDS MARKET IN PRIMARY
METAL, BY COUNTRY 2016-2023 (IN USD MILLION)

TABLE 29 NORTH AMERICA METAL WORKING FLUIDS MARKET IN METAL CANS
AND OTHERS, BY COUNTRY 2016-2023 (IN USD MILLION)

TABLE 30 UNITED STATES METAL WORKING FLUIDS MARKET, BY APPLICATION,
2016-2023 (IN USD MILLION)

TABLE 31 CANADA METAL WORKING FLUIDS MARKET, BY APPLICATION,
2016-2023 (IN USD MILLION)

TABLE 32 MEXICO METAL WORKING FLUIDS MARKET, BY APPLICATION,
2016-2023 (IN USD MILLION)

TABLE 33 REST OF NORTH AMERICA METAL WORKING FLUIDS MARKET, BY
APPLICATION, 2016-2023 (IN USD MILLION)

TABLE 34 EUROPE METAL WORKING FLUIDS MARKET, BY COUNTRY, 2016-2023
(IN USD MILLION)

TABLE 35 EUROPE METAL WORKING FLUIDS MARKET BY PRODUCT TYPE,
2016-2023 (IN USD MILLION)

TABLE 36 EUROPE METAL WORKING FLUIDS MARKET BY APPLICATION,
2016-2023 (IN USD MILLION)

TABLE 37 EUROPE METAL WORKING FLUIDS MARKET IN TRANSPORTATION
EQUIPMENT, BY COUNTRY 2016-2023 (IN USD MILLION)

TABLE 38 EUROPE METAL WORKING FLUIDS MARKET IN MACHINERY, BY COUNTRY 2016-2023 (IN USD MILLION)

TABLE 39 EUROPE METAL WORKING FLUIDS MARKET IN FABRICATED METAL PRODUCTS, BY COUNTRY 2016-2023 (IN USD MILLION)

TABLE 40 EUROPE METAL WORKING FLUIDS MARKET IN PRIMARY METAL, BY COUNTRY 2016-2023 (IN USD MILLION)

TABLE 41 EUROPE METAL WORKING FLUIDS MARKET IN METAL CANS AND OTHERS, BY COUNTRY 2016-2023 (IN USD MILLION)

TABLE 42 GERMANY METAL WORKING FLUIDS MARKET BY APPLICATION, 2016-2023 (IN USD MILLION)

TABLE 43 FRANCE METAL WORKING FLUIDS MARKET BY APPLICATION, 2016-2023 (IN USD MILLION)

TABLE 44 ITALY METAL WORKING FLUIDS MARKET BY APPLICATION, 2016-2023 (IN USD MILLION)

TABLE 45 UNITED KINGDOM METAL WORKING FLUIDS MARKET BY APPLICATION, 2016-2023 (IN USD MILLION)

TABLE 46 REST OF EUROPE METAL WORKING FLUIDS MARKET BY APPLICATION, 2016-2023 (IN USD MILLION)

TABLE 47 REST OF THE WORLD METAL WORKING FLUIDS MARKET, BY COUNTRY, 2016-2023 (IN USD MILLION)

TABLE 48 REST OF THE WORLD METAL WORKING FLUIDS MARKET BY PRODUCT TYPE, 2016-2023 (IN USD MILLION)

TABLE 49 REST OF THE WORLD METAL WORKING FLUIDS MARKET BY APPLICATION, 2016-2023 (IN USD MILLION)

TABLE 50 REST OF THE WORLD METAL WORKING FLUIDS MARKET IN TRANSPORTATION EQUIPMENT, BY SUB-REGION 2016-2023 (IN USD MILLION)

TABLE 51 REST OF THE WORLD METAL WORKING FLUIDS MARKET IN MACHINERY, BY SUB-REGION 2016-2023 (IN USD MILLION)

TABLE 52 REST OF THE WORLD METAL WORKING FLUIDS MARKET IN FABRICATED METAL PRODUCTS, BY SUB-REGION 2016-2023 (IN USD MILLION)

TABLE 53 REST OF THE WORLD METAL WORKING FLUIDS MARKET IN PRIMARY METAL, BY SUB-REGION 2016-2023 (IN USD MILLION)

TABLE 54 REST OF THE WORLD METAL WORKING FLUIDS MARKET IN METAL CANS AND OTHERS, BY SUB-REGION, 2016-2023 (IN USD MILLION)

TABLE 55 MIDDLE-EAST AND AFRICA METAL WORKING FLUIDS MARKET BY APPLICATION, 2016-2023 (IN USD MILLION)

TABLE 56 SOUTH AMERICA METAL WORKING FLUIDS MARKET BY APPLICATION, 2016-2023 (IN USD MILLION)

List Of Figures

LIST OF FIGURES

FIGURE 1 GLOBAL METAL WORKING FLUIDS MARKET BY APPLICATIONS (%) IN 2017

FIGURE 2 GLOBAL METAL WORKING FLUIDS MARKET BY REGION (%) 2017 AND 2023

FIGURE 3 GLOBAL METAL WORKING FLUIDS MARKET 2016-2023

FIGURE 4 GLOBAL METAL WORKING FLUIDS MARKET, 2016-2023 (IN USD MILLION)

FIGURE 5 NUMBER OF AUTOMOBILES SOLD IN CHINA, 2011-2016 (TILL Q2)

FIGURE 6 CHINA GDP 2006-2015 (IN USD BILLION)

FIGURE 7 GLOBAL REMOVAL FLUIDS MARKET 2016-2023 (IN USD MILLION)

FIGURE 8 GLOBAL FORMING FLUIDS MARKET, 2016-2023

FIGURE 9 GLOBAL PROTECTING FLUIDS MARKET, 2016-2023

FIGURE 10 GLOBAL TREATING FLUIDS MARKET, 2016-2023

FIGURE 11 GLOBAL AUTOMOBILE PRODUCTION UNITS

FIGURE 12 GLOBAL METAL WORKING FLUIDS MARKET IN TRANSPORTATION EQUIPMENT, 2016-2023

FIGURE 13 GLOBAL METAL WORKING FLUIDS MARKET IN MACHINERY APPLICATION, 2016-2023

FIGURE 14 GLOBAL METAL WORKING FLUIDS MARKET IN FABRICATED METAL PRODUCTS, 2016-2023

FIGURE 15 GLOBAL METAL WORKING FLUIDS MARKET IN FABRICATED METAL PRODUCTS BY GEOGRAPHY 2016-2023 (IN USD MILLION)

FIGURE 16 GLOBAL METAL WORKING FLUIDS MARKET IN PRIMARY METALS APPLICATIONS, 2016-2023

FIGURE 17 GLOBAL METAL WORKING FLUIDS MARKET IN PRIMARY METAL BY GEOGRAPHY 2016-2023 (IN USD MILLION)

FIGURE 18 GLOBAL METAL WORKING FLUIDS MARKET IN METAL CANS AND OTHERS APPLICATIONS, 2016-2023

FIGURE 19 GLOBAL METAL WORKING FLUIDS MARKET IN METAL CANS AND OTHERS, BY GEOGRAPHY, 2016-2023 (IN USD MILLION)

FIGURE 20 GLOBAL METAL WORKING FLUIDS MARKET SHARE

FIGURE 21 CHINA METAL WORKING FLUIDS MARKET, 2016-2023

FIGURE 22 INDIA METAL WORKING FLUIDS MARKET 2016-2023

FIGURE 23 JAPAN METAL WORKING FLUIDS MARKET

FIGURE 24 JAPAN AUTOMOTIVE MANUFACTURERS

FIGURE 25 PASSENGER CAR SALES IN JAPAN (2011-2015)

FIGURE 26 SOUTH KOREA METAL WORKING FLUIDS MARKET 2016-2023 (IN USD MILLION)

FIGURE 27 REST OF ASIA-PACIFIC METAL WORKING FLUIDS MARKET, 2016-2023 (IN USD MILLION)

FIGURE 28 UNITED STATES METAL WORKING FLUIDS MARKET 2016-2023

FIGURE 29 CANADA METAL WORKING FLUIDS MARKET, 2016-2023

FIGURE 30 MEXICO METAL WORKING FLUIDS MARKET, 2016-2023

FIGURE 31 REST OF NORTH AMERICA METAL WORKING FLUIDS MARKET, 2016-2023

FIGURE 32 GERMANY METAL WORKING FLUIDS MARKET 2016-2023

FIGURE 33 FRANCE METAL WORKING FLUIDS MARKET 2016-2023

FIGURE 34 ITALY METAL WORKING FLUIDS MARKET 2016-2023

FIGURE 35 UNITED KINGDOM METAL WORKING FLUIDS MARKET 2016-2023

FIGURE 36 REST OF EUROPE METAL WORKING FLUIDS MARKET 2016-2023

FIGURE 37 MIDDLE EAST AND AFRICA METAL WORKING FLUIDS MARKET 2016-2023

FIGURE 38 SOUTH AMERICA METAL WORKING FLUIDS MARKET 2016-2023

I would like to order

Product name: Global Metal Working Fluids Market Forecast 2017-2023

Product link: <https://marketpublishers.com/r/GA093D207A9EN.html>

Price: US\$ 2,500.00 (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/GA093D207A9EN.html>

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

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

****All fields are required**

Customer signature _____

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

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