

# **Global (North America, Europe and Asia-Pacific, South America, Middle East and Africa) Metalworking Fluids Market 2018 Forecast to 2023**

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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. MWFs may be complex mixtures of oils, emulsifiers, anti-weld agents, corrosion inhibitors, extreme pressure additives, buffers (alkaline reserve), biocides, and other additives.

### **SCOPE OF THE REPORT:**

This report focuses on the Metalworking 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

Quaker

BP

Fuchs

Exxonmobil

## Metalworking Lubricants

Chevron

Henkel

Milacron

Chemtool

Yushiro

Master Chemical

Blaser

Dow

## Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

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

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

South America (Brazil, Argentina, Colombia etc.)

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

## Market Segment by Type, covers

Metal Removal Fluids

Metal Forming Fluids

Metal Protecting Fluids

## Metal Treating Fluids

Market Segment by Applications, can be divided into

Automotive

General Industry

Other

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

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

Chapter 2, to analyze the top manufacturers of Metalworking Fluids, with sales, revenue, and price of Metalworking 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 Metalworking Fluids, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, 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 2013 to 2018;

Chapter 12, Metalworking Fluids market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

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

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