

# North America Metalworking 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 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 North America market, especially in United States, Canada and Mexico. This report categorizes the market based on manufacturers, countries, 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 Countries, covering

United States

Canada

Mexico

## 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 North America Metalworking Fluids market.

Chapter 1, to describe Metalworking Fluids Introduction, product type and application, market overview, market analysis by countries, market opportunities, market risk, market driving force;

Chapter 2, to analyze the manufacturers of Metalworking Fluids, with profile, main business, news, sales, price, revenue and market share in 2016 and 2017;

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

Chapter 4, to show the North America market by countries, covering United States, Canada and Mexico, with sales, revenue and market share of Metalworking Fluids, for each country, from 2012 to 2017;

Chapter 5 and 6, to show the market by type and application, with sales, price, revenue, market share and growth rate by type, application, from 2012 to 2017;

Chapter 7, 8 and 9, to analyze the segment market in United States, Canada and Mexico, by manufacturers, type and application, with sales, price, revenue and market share by manufacturers, types and applications;

Chapter 10, Metalworking Fluids market forecast, by countries, type and application, with sales, price and revenue, from 2017 to 2022;

Chapter 11, to analyze the manufacturing cost, key raw materials and manufacturing process etc.

Chapter 12, to analyze the industrial chain, sourcing strategy and downstream end

users (buyers);

Chapter 13, to describe sales channel, distributors, traders, dealers etc.

Chapter 14 and 15, to describe Metalworking Fluids Research Findings and Conclusion, Appendix, methodology and data source

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