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Global Metal Working Fluids Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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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).

According to our (Global Info Research) latest study, the global Metal Working Fluids market size was valued at US$ 8199 million in 2023 and is forecast to a readjusted size of USD 8769 million by 2030 with a CAGR of 1.0% during review period.

Global Metal Working Fluids key players include Quaker Houghton, Exxon Mobil, Fuchs, etc., which are mainly located in North America, Europe, China, Japan, India, etc. The top three producers together account for more than 25% of the market share, with the largest producer being Quaker Houghton with 11%. Europe has the largest sales market, with a 27% market share. In terms of product categories, metal removal fluids have the largest market share with 50%, followed by metal forming fluids with 30%. In terms of applications, machinery is the top application area with a 48% market share.

This report is a detailed and comprehensive analysis for global Metal Working Fluids market. Both quantitative and qualitative analyses are presented by manufacturers, by

region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2024, are provided.

Key Features:

Global Metal Working Fluids market size and forecasts, in consumption value ($ Million), sales quantity (K MT), and average selling prices (USD/MT), 2019-2030

Global Metal Working Fluids market size and forecasts by region and country, in consumption value ($ Million), sales quantity (K MT), and average selling prices (USD/MT), 2019-2030

Global Metal Working Fluids market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (K MT), and average selling prices (USD/MT), 2019-2030

Global Metal Working Fluids market shares of main players, shipments in revenue ($ Million), sales quantity (K MT), and ASP (USD/MT), 2019-2024

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Metal Working Fluids

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Metal Working Fluids market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Quaker Houghton, Exxon Mobil, Fuchs, BP Castrol, Henkel, Yushiro Chemical, Idemitsu Kosan, Blaser Swisslube, TotalEnergies, Petrofer, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Metal Working Fluids market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

- Metal Removal Fluids
- Metal Treating Fluids
- Metal Forming Fluids
- Metal Protecting Fluids

Market segment by Application

- Machinery
- Automotive
- Others

Major players covered

- Quaker Houghton
- Exxon Mobil
- Fuchs
- BP Castrol

Henkel

Yushiro Chemical

Idemitsu Kosan

Blaser Swisslube

TotalEnergies

Petrofer

Master Fluid Solutions

LUKOIL

Chervon

SINOPEC

Cimcool Industrial Products

ENEOS Corporation

Cosmo Oil Lubricants

Indian Oil Corporation

Chemetall

Ashburn Chemical Technologies

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

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

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Metal Working Fluids product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Metal Working Fluids, with price, sales quantity, revenue, and global market share of Metal Working Fluids from 2019 to 2024.

Chapter 3, the Metal Working Fluids competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Metal Working Fluids breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2019 to 2024.and Metal Working Fluids market forecast, by regions, by Type, and by Application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Metal Working Fluids.

Chapter 14 and 15, to describe Metal Working Fluids sales channel, distributors, customers, research findings and conclusion.

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