

Global Metalworking Fluid Additives Competitive Landscape Professional Research Report 2025

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Abstracts

Market Overview

According to DIResearch's in-depth investigation and research, the global Metalworking Fluid Additives market size will reach 2,863.54 Million USD in 2025 and is projected to reach 3,410.83 Million USD by 2032, with a CAGR of 2.53% (2025-2032). Notably, the China Metalworking Fluid Additives market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

Research Summary

Metalworking fluid additives are chemical substances that are mixed with metalworking fluids (MWFs) to enhance their performance and provide specific properties during metalworking processes. These additives are designed to improve lubrication, cooling, corrosion protection, and overall machining efficiency. Common types of metalworking fluid additives include lubricity agents, corrosion inhibitors, biocides, emulsifiers, viscosity modifiers, and extreme pressure additives. Lubricity agents reduce friction between the cutting tools and the workpiece, enhancing the machining process and reducing wear on the tools. Corrosion inhibitors help protect the metal surfaces from rust and corrosion caused by exposure to water and other corrosive substances. Biocides are added to control microbial growth in metalworking fluids, preventing the formation of bacteria and fungi that can degrade the fluid's performance and cause health hazards. Emulsifiers aid in maintaining stable emulsions in water-based metalworking fluids, ensuring proper mixing and dispersion of the additives. Viscosity modifiers are used to adjust the viscosity of the fluid, optimizing its flow characteristics for specific applications. Extreme pressure additives are employed in machining

operations that involve high pressures, providing lubrication and reducing tool wear. Metalworking fluid additives play a crucial role in enhancing the performance, longevity, and safety of metalworking processes across various industries, including automotive, aerospace, manufacturing, and machining.

The major global manufacturers of Metalworking Fluid Additives include Lubrizol, Infineum, Afton Chemical, Lanxess, Chevron Oronite, Evonik Industries, Ingevity, Univar Solutions, Solvay, Dover Chemical, Dow, Vanderbilt Chemicals, ABITEC, BASF, Clariant, Starry Chemical, Nelson Brothers, Arkema, Emery Oleochemicals, Richful Lube Additive, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Metalworking Fluid Additives. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Metalworking Fluid Additives market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Metalworking Fluid Additives market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Metalworking Fluid Additives industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come

from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of Metalworking Fluid Additives Include:

Lubrizol

Infineum

Afton Chemical

Lanxess

Chevron Oronite

Evonik Industries

Ingevity

Univar Solutions

Solvay

Dover Chemical

Dow

Vanderbilt Chemicals

ABITEC

BASF

Clariant

Starry Chemical

Nelson Brothers

Arkema

Emery Oleochemicals

Richful Lube Additive

Metalworking Fluid Additives Product Segment Include:

Emulsifiers

Corrosion Inhibitors

Extreme Pressure Additives

Biocides

Others

Metalworking Fluid Additives Product Application Include:

Metal Removal Fluids

Metal Treating Fluids

Metal Forming Fluids

Metal Protecting Fluids

Chapter Scope

Chapter 1: Product Research Range, Product Types and Applications, Market Overview, Market Situation and Trends

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