

# Global Friction Modifiers Market Size Study, by Type (Organic, Inorganic), by Application (Commercial Vehicles, Passenger Vehicles), and Regional Forecasts 2022-2032

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## Abstracts

The Global Friction Modifiers Market, valued at approximately USD 0.98 billion in 2023, is set to expand at a moderate compound annual growth rate (CAGR) of 3.80% during the forecast period from 2024 to 2032. Friction modifiers, essential additives in automotive and industrial lubricants, enhance performance by reducing friction and wear, ensuring better fuel efficiency and prolonged equipment life. As the automotive industry pivots towards higher efficiency and lower emissions, the role of friction modifiers becomes paramount in meeting stringent regulatory requirements and consumer demands.

This growing market is underpinned by the surge in global automotive production and the increasing emphasis on improving vehicle efficiency. Manufacturers are integrating advanced friction modifiers to comply with environmental standards while optimizing engine and transmission systems. Furthermore, innovations in organic and inorganic friction modifier formulations are reshaping the market dynamics, offering better compatibility with modern synthetic lubricants. However, the high cost of specialized formulations and fluctuating raw material prices pose challenges for market players, necessitating continuous R&D investment to maintain competitiveness.

Regionally, North America and Europe lead the market due to their mature automotive industries and strict emission regulations. The Asia-Pacific region, however, is expected to exhibit the fastest growth, driven by rapid urbanization, increased automotive production, and growing investments in advanced lubricant technologies in countries like China and India. The competitive landscape is marked by key players focusing on

strategic collaborations, product innovation, and market expansion to capitalize on emerging opportunities.

Major market players included in this report are:

BASF SE

Afton Chemical Corporation

Croda International Plc

Chevron Oronite Company LLC

Infineum International Limited

The Lubrizol Corporation

Royal Dutch Shell PLC

Lanxess AG

Vanderbilt Chemicals LLC

Parker Hannifin Corporation

Evonik Industries AG

Sinopec Lubricant Company

TotalEnergies SE

MOL Group

Fuchs Petrolub SE

The detailed segments and sub-segments of the market are explained below:

By Type:

*Global Friction Modifiers Market Size Study, by Type (Organic, Inorganic), by Application (Commercial Vehicles...*

Organic

Inorganic

By Application:

Commercial Vehicles

Passenger Vehicles

By Region:

North America:

U.S.

Canada

Europe:

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific:

China

India

Japan

Australia

South Korea

Rest of Asia-Pacific

Latin America:

Brazil

Mexico

Rest of Latin America

Middle East & Africa:

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

## Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of the geographical landscape with country-level insights.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approaches.

Comprehensive demand-side and supply-side insights.

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