

Global Biolubricants Market: Analysis
By Base Oil (Vegetable Oil, Animal
Fats and Others), By Application
(Hydraulic Oil, Metalworking Fluids,
Greases, Gear Oil and Others), By
End Use (Automotive, Industrial,
Marine and Others), By Region Size
and Trends with Impact of COVID-19
and Forecast up to 2028

November 2023



Global Biolubricants Market: Coverage

Executive Summary and Scope

Introduction/Market Overview

Global Market Analysis

Regional Market Analysis

Impact Of COVID-19

Dynamics

Competitive Landscape

Company Profiling

Global Biolubricants Market: Coverage

Scope of the Report

Attributes	Details
Title	Global Biolubricants Market: Analysis By Base Oil (Vegetable Oil, Animal Fats and Others), By Application (Hydraulic Oil, Metalworking Fluids, Greases, Gear Oil and Others), By End Use (Automotive, Industrial, Marine and Others), By Region Size and Trends with Impact of COVID-19 and Forecast up to 2028
Coverage	Global and Regional
Regional Coverage	North America (The US, Canada, and Mexico), Europe (Germany, The UK, France, Italy, and Rest of the Europe), Asia Pacific (China, Japan, India, South Korea and Rest of the Asia Pacific), Latin America and Middle East and Africa
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2023-2028
Competition in the Market	Fragmented
Key Players	TotalEnergies, Fuchs Petrolub SE, Shell plc., ExxonMobil Corporation, BP p.l.c., Quaker Houghton, Emery Oleochemicals Group, Renewable Lubricants, Inc., BioBlend Renewable Resources, LLC.

Global Biolubricants Market: Coverage

Executive Summary

Biolubricants, derived from renewable biological sources such as vegetable oils or animal fats, are eco-friendly alternatives to traditional petroleum-based lubricants. These biodegradable lubricants offer superior performance in various applications while reducing environmental impact. The global biolubricants market was valued US\$2.21 billion in 2022. The market value is expected to reach US\$2.97 billion by 2028, growing at a CAGR of 5.25% over the projected period of 2023-2028.

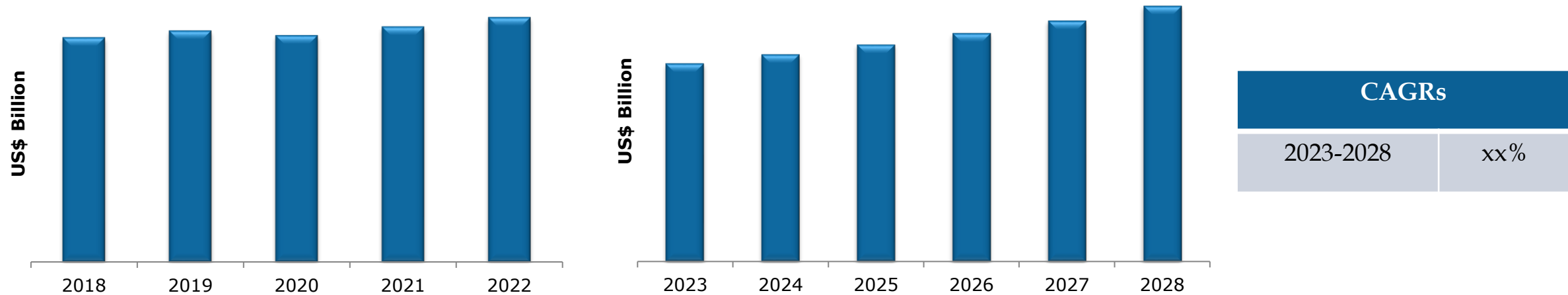
The global biolubricants market can be segmented based on the base oil (vegetable oil, animal fats and others); application (hydraulic oil, metalworking fluids, greases, gear oil and others); and by end use (automotive, industrial, marine and others). In 2022, vegetable oil biolubricants segment held the major share of the market based on base oil analysis, driven by increasing environmental awareness and regulations. Based on the region, North America dominated the market in 2022.

The COVID-19 pandemic significantly impacted the global biolubricants market, causing disruptions in supply chains, raw material shortages, and production delays due to lockdowns and workforce challenges. Economic hardships led to reduced consumer purchasing power, diverting focus from environmentally friendly options. Uncertainties prompted businesses to reconsider investments, delaying biolubricant expansion. However, post-pandemic, the sector displayed resilience, with stabilized supply chains, increased environmental awareness, and government support driving a resurgence. This setback ultimately spurred innovation, shifting biolubricants from a niche to a mainstream, sustainable choice, poised for substantial growth in the lubricant industry's future.

The global biolubricants market has shown substantial growth recently and is anticipated to continue expanding from 2023 to 2028 at an accelerated pace. This growth trajectory is driven by factors like increasing environmental concerns and a shift towards eco-friendly practices. Industries, especially automotive and construction, are favoring biolubricants due to their eco-friendly attributes such as biodegradability, lower toxicity, and reduced carbon footprint. Government support globally and the need for precision in machine tools further boost biolubricant adoption. Despite this growth, challenges such as higher upfront costs and performance concerns hinder market progression. Additionally, market trends like increased demand in the marine industry, heightened research and development, growing adoption in emerging economies, rising demand for low viscosity fluids, and the growing focus on wind energy positively impact market expansion in various economies.

Global Biolubricants Market: Global Analysis

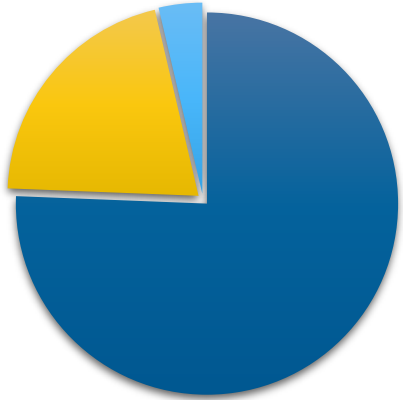
Global Biolubricants Market by Value



Global Biolubricants Market was valued at US\$... billion in 2022 and is anticipated to reach up to US\$... billion by 2028 from US\$... billion in 2023, with a CAGR of xx%.

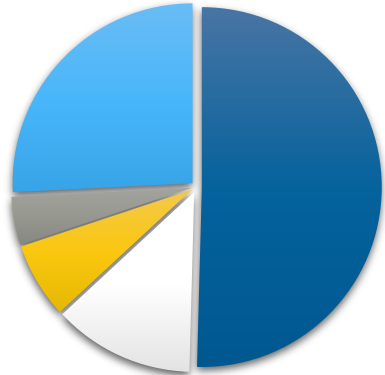
Global Biolubricants Market: Global Analysis

Global Biolubricants Market by Base Oil ; 2022



Base Oil	Share
Vegetable Oil	xx%
Animal Oil	xx%
Others	xx%

Global Biolubricants Market by Application; 2022



Application	Share
Hydraulic Oil	xx%
Metalworking Fluids	xx%
Greases	xx%
Gear Oil	xx%
Others	xx%

Global Biolubricants Market: Global Analysis

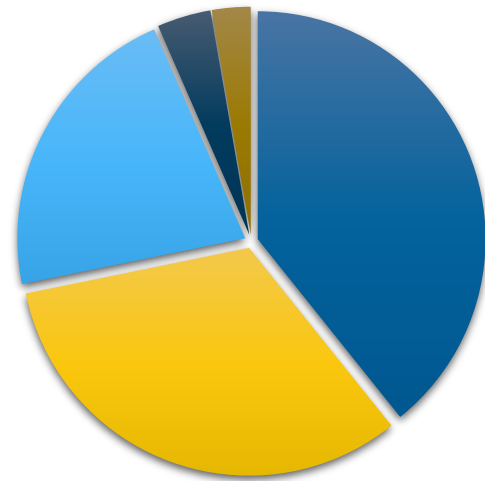
Global Biolubricants Market by End Use; 2022



End Use	Share
Automotive	xx%
Industrial	xx%
Marine	xx%
Others	xx%

Global Biolubricants Market: Global Analysis

Global Biolubricants Market by Region; 2022



North America, xx%

Europe, xx%

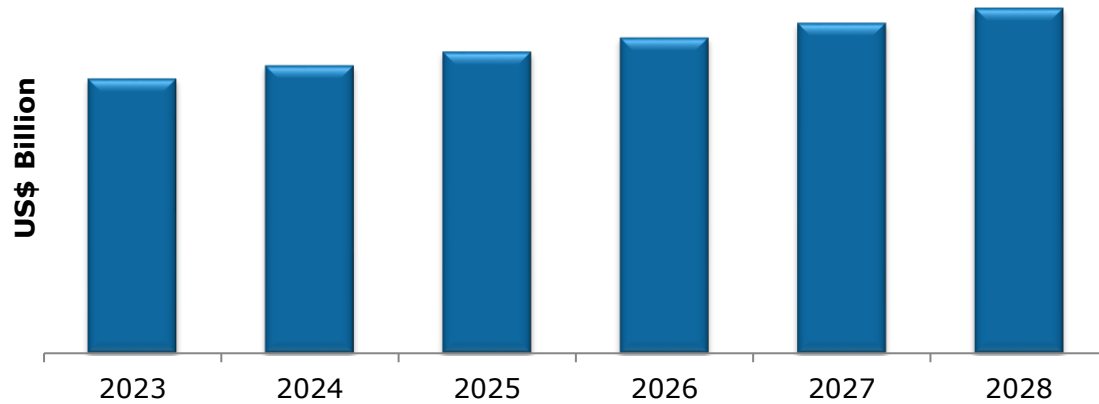
Asia Pacific, xx%

Latin America, xx%

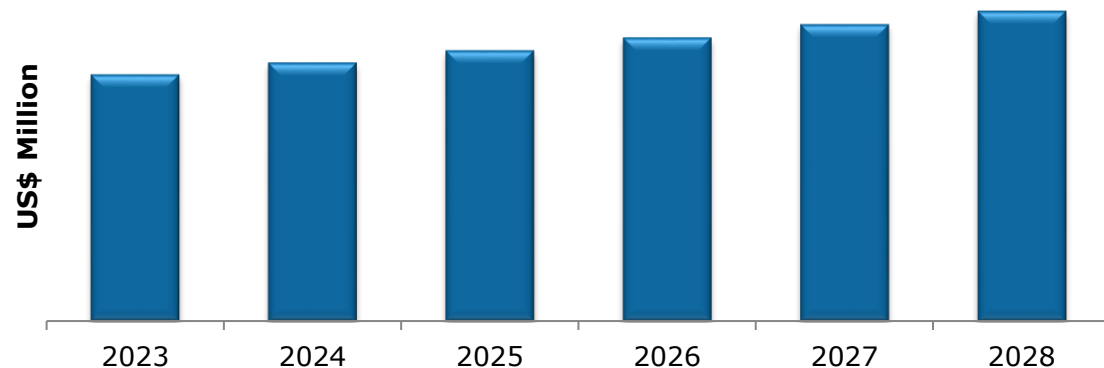
Middle East and Africa, xx%

Global Biolubricants Market: Base Oil Analysis

Global Vegetable Oil Biolubricants Market By Value



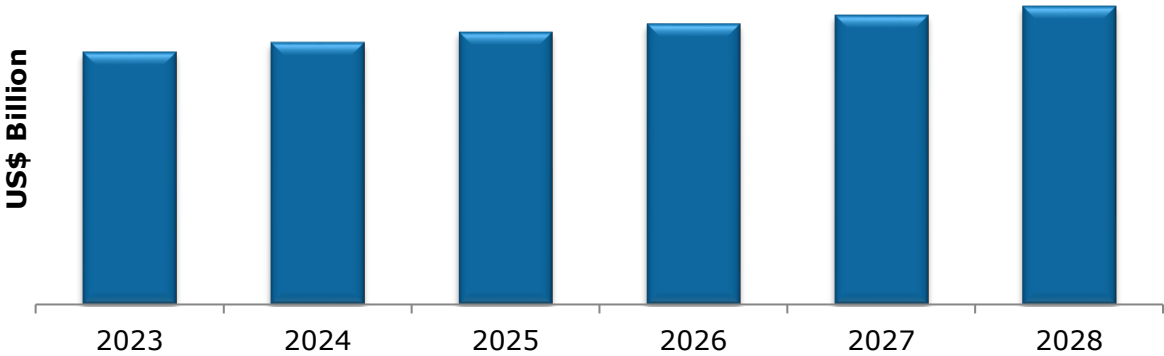
Global Animal Oil Biolubricants Market By Value



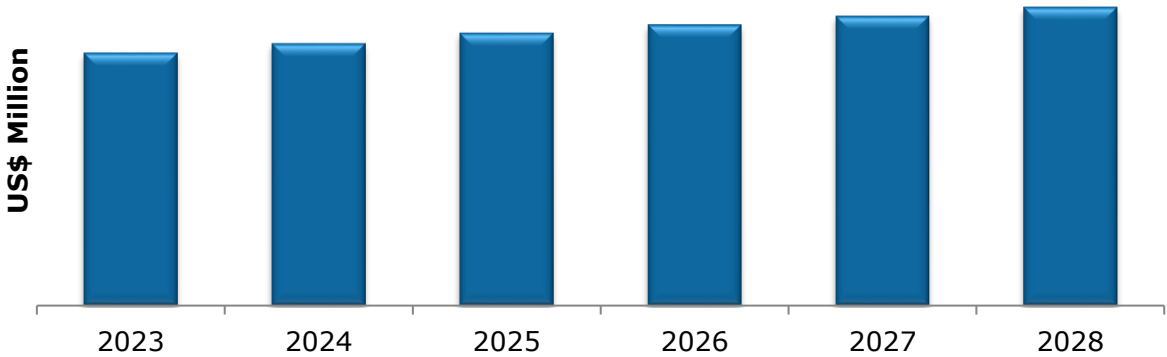
Base Oil	CAGR (2023-2028)
Vegetable Oil	xx%
Animal Oil	xx%
Others	xx%

Global Biolubricants Market: Application Analysis

Global Hydraulic Oil Biolubricants Market By Value



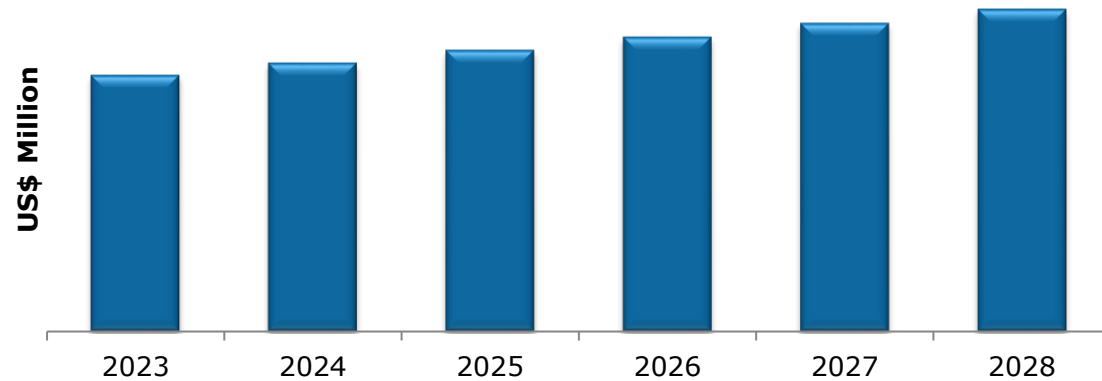
Global Metalworking Fluids Biolubricants Market By Value



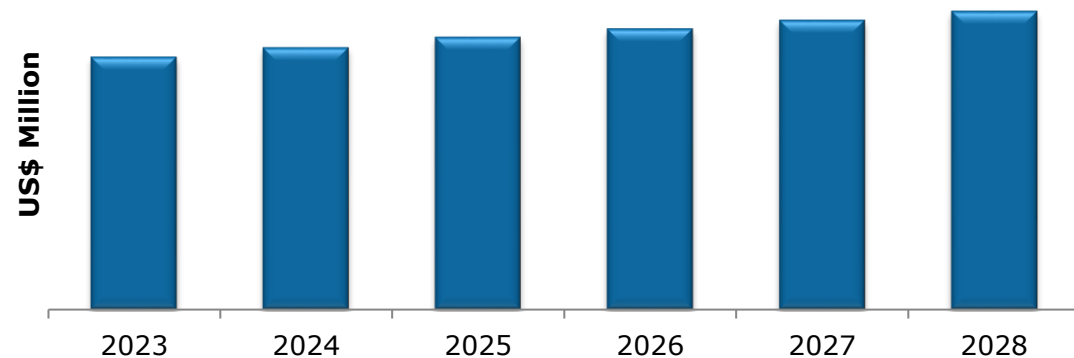
Application	CAGR (2023-2028)
Hydraulic Oil	xx%
Metalworking Fluids	xx%
Greases	xx%
Gear Oil	xx%
Others	xx%

Global Biolubricants Market: End Use Analysis

Global Automotive Biolubricants Market By Value



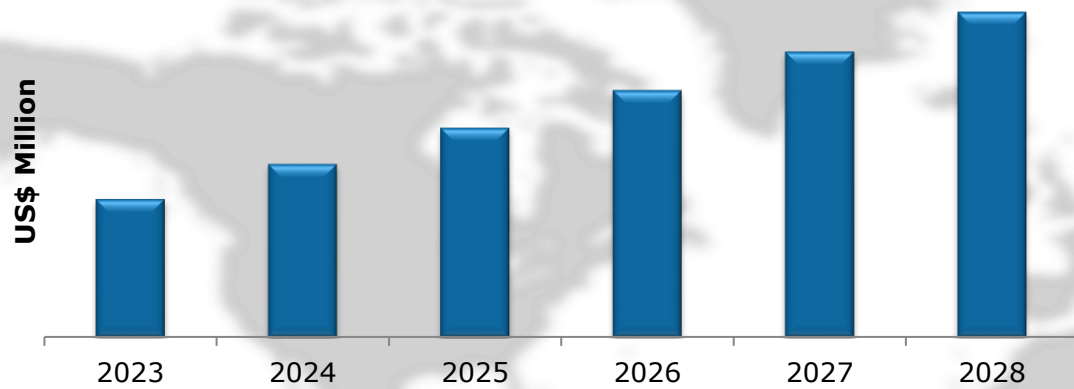
Global Industrial Biolubricants Market By Value



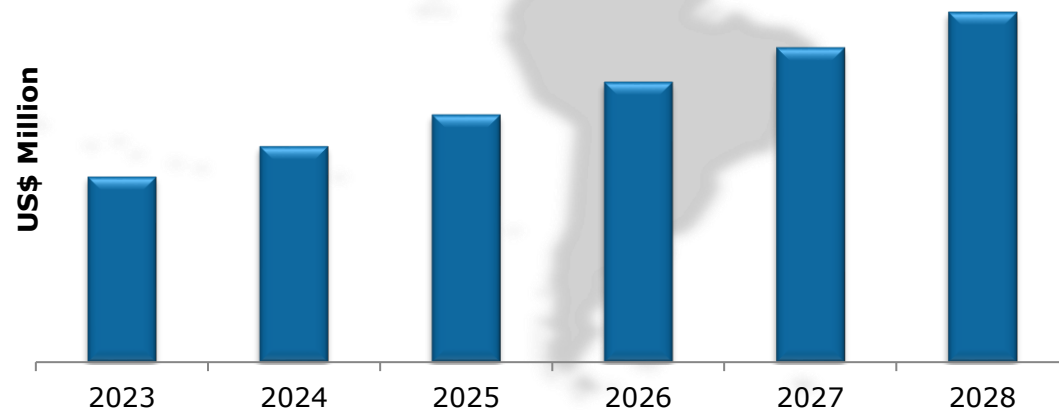
End Use	CAGR (2023-2028)
Automotive	xx%
Industrial	xx%
Marine	xx%
Others	xx%

Biolubricants Market: Regional Analysis

North America Biolubricants Market by Value



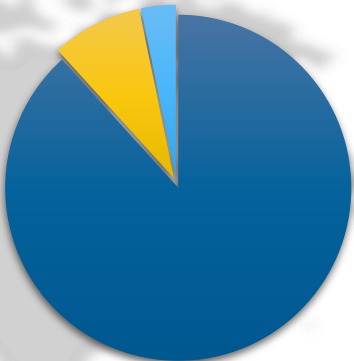
Europe Biolubricants Market by Value



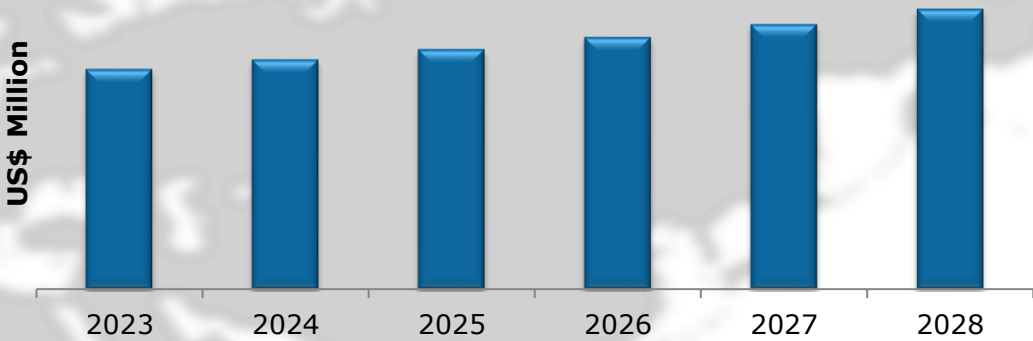
Region	CAGR
	2023-2028
North America	xx%
Europe	xx%
Asia Pacific	xx%
Latin America	xx%
Middle East and Africa	xx%

North America Biolubricants Market: An Analysis

North America Biolubricants Market by Region; 2022



The US Biolubricants Market By Value; 2023-2028



Region	Share (2022)	CAGR (2023-2028)
The US	xx%	xx%
Canada	xx%	xx%
Mexico	xx%	xx%

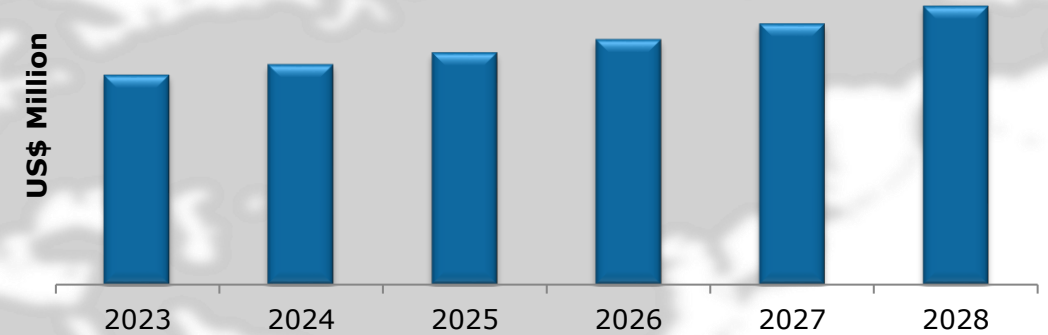
Europe Biolubricants Market: An Analysis

Europe Biolubricants Market by Region; 2022



Region	Share (2022)	CAGR (2023-2028)
Germany	xx%	xx%
The UK	xx%	xx%
France	xx%	xx%
Italy	xx%	xx%
Rest of Europe	xx%	xx%

Germany Biolubricants Market By Value; 2023-2028

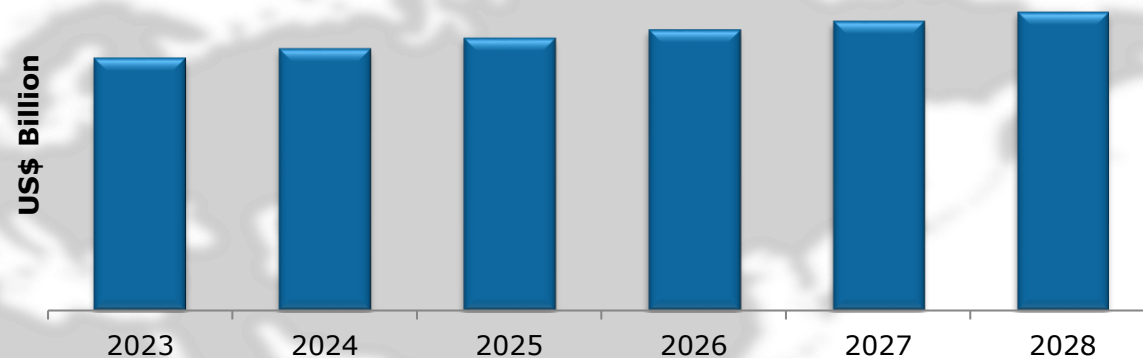


Asia Pacific Biolubricants Market: An Analysis

Asia Pacific Biolubricants Market by Region; 2022

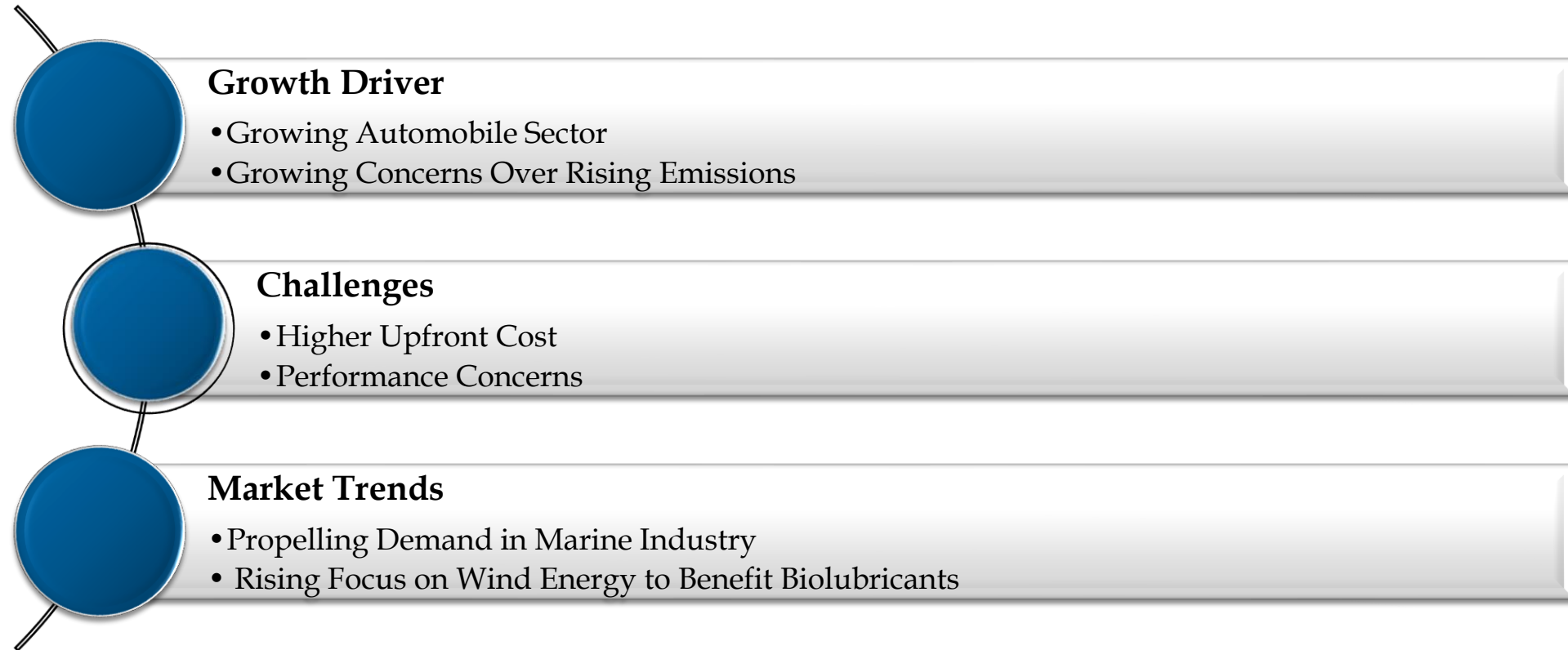


China Biolubricants Market by Value; 2023-2028



Region	Share (2022)	CAGR (2023-2028)
China	xx%	xx%
Japan	xx%	xx%
India	xx%	xx%
South Korea	xx%	xx%
Rest of Asia Pacific	xx%	xx%

Global Biolubricants Market: Dynamics



Global Biolubricants Market: Competitive Landscape

Players Profiled

- ❑ TotalEnergies
- ❑ Fuchs Petrolub SE
- ❑ Shell plc.
- ❑ ExxonMobil Corporation
- ❑ BP p.l.c.
- ❑ Quaker Houghton
- ❑ Emery Oleochemicals Group
- ❑ Renewable Lubricants, Inc.
- ❑ BioBlend Renewable Resources, LLC.