

Synthetic Lubricants Market Report by Product (Engine Oil, Hydraulic Fluid, Metalworking Fluids, Compressor Oil, Gear Oil, Transmission Fluid, Turbine Oil, and Others), Base Oil (Polyalphaolefin (PAO), Esters, Polyalkylene Glycol (PAG), and Others), End Use Industry (Automotive, Power Generation, Heavy Equipment, Food and Beverage, Metallurgy and Metalworking, Chemical, and Others), and Region 2025-2033

Market Report | 2025-10-01 | 138 pages | IMARC Group

AVAILABLE LICENSES:

- Electronic (PDF) Single User \$3999.00
- Five User Licence \$4999.00
- Enterprisewide License \$5999.00

Report description:

The global synthetic lubricants market size reached USD 15.6 Billion in 2024. Looking forward, IMARC Group expects the market to reach USD 21.8 Billion by 2033, exhibiting a growth rate (CAGR) of 3.61% during 2025-2033.

A synthetic lubricant is a chemical substance used for reducing or controlling the friction between two industrial surfaces. It is formulated using artificial base oils and chemically modified materials, such as polyalphaolefin (PAO), esters and polyalkylene glycols (PAGs), and exhibits similar properties to that of petroleum-based products. Some of the commonly available synthetic lubricants include engine, hydraulic, metalworking, compressor, gear, refrigeration, turbine and transmission oils. The lubricant absorbs the heat emitting from the mechanical components and lowers the temperature of the moving parts, thereby enhancing the overall operational life of the equipment. Synthetic lubricants exhibit various advantageous properties, such as minimal energy consumption, high thermal and oxidative stability, volatility and flash points. As a result, they find extensive application across various industries, including construction, mining, oil and gas, textile, food processing, chemical and automotive.

Synthetic Lubricants Market Trends:

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Significant growth in the automotive industry across the globe is one of the key factors creating a positive outlook for the market. Synthetic lubricants are added to throttle position sensors (TPS) and exhaust gas recirculating (EGR) sensors, which are commonly used for monitoring electronic fuel injection and exhaust emissions. The lubricants aid in minimizing the wear and maintenance requirements of the automotive components. They are also widely used in aircraft to withstand freezing, high-altitude temperatures and excessive heat from the jet engines. Additionally, various product innovations, such as the development of biodegradable synthetic lubricants with enhanced water solubility and viscosity indexes, are acting as other growth-inducing factors. They are widely used for operating agricultural, mining, fishery, onshore and offshore drilling and subsea robotic systems with enhanced efficiency. Other factors, including rapid industrialization, along with extensive infrastructural development, especially in the developing economies, are anticipated to drive the market toward growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global synthetic lubricants market report, along with forecasts at the global, regional and country level from 2025-2033. Our report has categorized the market based on product, base oil and end use industry.

Breakup by Product:

- Engine Oil
- Hydraulic Fluid
- Metalworking Fluids
- Compressor Oil
- Gear Oil
- Transmission Fluid
- Turbine Oil
- Others

Breakup by Base Oil:

- Polyalphaolefin (PAO)
- Esters
- Polyalkylene Glycol (PAG)
- Others

Breakup by End Use Industry:

- Automotive
- Power Generation
- Heavy Equipment
- Food and Beverage
- Metallurgy and Metalworking
- Chemical
- Others

Breakup by Region:

- North America
 - o□ United States
 - o□ Canada
- Asia-Pacific
 - o□ China
 - o□ Japan
 - o□ India

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- o South Korea
- o Australia
- o Indonesia
- o Others
- Europe
- o Germany
- o France
- o United Kingdom
- o Italy
- o Spain
- o Russia
- o Others
- Latin America
- o Brazil
- o Mexico
- o Others
- Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being BP plc, Chevron Corporation, China Petrochemical Corporation, Exxon Mobil Corporation, Idemitsu Kosan Company Ltd., Indian Oil Corporation Limited, Lanxess AG, Lukoil, Petroliam Nasional Berhad (PETRONAS), Royal Dutch Shell plc and TotalEnergies SE.

Key Questions Answered in This Report

1. What was the size of the global synthetic lubricants market in 2024?
2. What is the expected growth rate of the global synthetic lubricants market during 2025-2033?
3. What are the key factors driving the global synthetic lubricants market?
4. What has been the impact of COVID-19 on the global synthetic lubricants market?
5. What is the breakup of the global synthetic lubricants market based on the product?
6. What is the breakup of the global synthetic lubricants market based on the base oil?
7. What is the breakup of the global synthetic lubricants market based on the end use industry?
8. What are the key regions in the global synthetic lubricants market?
9. Who are the key players/companies in the global synthetic lubricants market?

Table of Contents:

- 1 Preface
- 2 Scope and Methodology
 - 2.1 Objectives of the Study
 - 2.2 Stakeholders
 - 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
 - 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
 - 2.5 Forecasting Methodology

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 3 Executive Summary
- 4 Introduction
 - 4.1 Overview
 - 4.2 Key Industry Trends
- 5 Global Synthetic Lubricants Market
 - 5.1 Market Overview
 - 5.2 Market Performance
 - 5.3 Impact of COVID-19
 - 5.4 Market Forecast
- 6 Market Breakup by Product
 - 6.1 Engine Oil
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
 - 6.2 Hydraulic Fluid
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
 - 6.3 Metalworking Fluids
 - 6.3.1 Market Trends
 - 6.3.2 Market Forecast
 - 6.4 Compressor Oil
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
 - 6.5 Gear Oil
 - 6.5.1 Market Trends
 - 6.5.2 Market Forecast
 - 6.6 Transmission Fluid
 - 6.6.1 Market Trends
 - 6.6.2 Market Forecast
 - 6.7 Turbine Oil
 - 6.7.1 Market Trends
 - 6.7.2 Market Forecast
 - 6.8 Others
 - 6.8.1 Market Trends
 - 6.8.2 Market Forecast
- 7 Market Breakup by Base Oil
 - 7.1 Polyalphaolefin (PAO)
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
 - 7.2 Esters
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
 - 7.3 Polyalkylene Glycol (PAG)
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
 - 7.4 Others
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

8 Market Breakup by End Use Industry

8.1 Automotive

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Power Generation

8.2.1 Market Trends

8.2.2 Market Forecast

8.3 Heavy Equipment

8.3.1 Market Trends

8.3.2 Market Forecast

8.4 Food and Beverage

8.4.1 Market Trends

8.4.2 Market Forecast

8.5 Metallurgy and Metalworking

8.5.1 Market Trends

8.5.2 Market Forecast

8.6 Chemical

8.6.1 Market Trends

8.6.2 Market Forecast

8.7 Others

8.7.1 Market Trends

8.7.2 Market Forecast

9 Market Breakup by Region

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

9.1.2 Canada

9.1.2.1 Market Trends

9.1.2.2 Market Forecast

9.2 Asia-Pacific

9.2.1 China

9.2.1.1 Market Trends

9.2.1.2 Market Forecast

9.2.2 Japan

9.2.2.1 Market Trends

9.2.2.2 Market Forecast

9.2.3 India

9.2.3.1 Market Trends

9.2.3.2 Market Forecast

9.2.4 South Korea

9.2.4.1 Market Trends

9.2.4.2 Market Forecast

9.2.5 Australia

9.2.5.1 Market Trends

9.2.5.2 Market Forecast

9.2.6 Indonesia

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 9.2.6.1 Market Trends
- 9.2.6.2 Market Forecast
- 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
 - 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
 - 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
 - 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast
- 10 SWOT Analysis
 - 10.1 Overview
 - 10.2 Strengths
 - 10.3 Weaknesses
 - 10.4 Opportunities
 - 10.5 Threats

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 11 Value Chain Analysis
- 12 Porters Five Forces Analysis
 - 12.1 Overview
 - 12.2 Bargaining Power of Buyers
 - 12.3 Bargaining Power of Suppliers
 - 12.4 Degree of Competition
 - 12.5 Threat of New Entrants
 - 12.6 Threat of Substitutes
- 13 Price Analysis
- 14 Competitive Landscape
 - 14.1 Market Structure
 - 14.2 Key Players
 - 14.3 Profiles of Key Players
 - 14.3.1 BP plc
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.1.3 Financials
 - 14.3.1.4 SWOT Analysis
 - 14.3.2 Chevron Corporation
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.2.3 Financials
 - 14.3.2.4 SWOT Analysis
 - 14.3.3 China Petrochemical Corporation
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.3.3 Financials
 - 14.3.3.4 SWOT Analysis
 - 14.3.4 Exxon Mobil Corporation
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.4.3 Financials
 - 14.3.4.4 SWOT Analysis
 - 14.3.5 Idemitsu Kosan Company Ltd.
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.5.3 Financials
 - 14.3.5.4 SWOT Analysis
 - 14.3.6 Indian Oil Corporation Limited
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio
 - 14.3.6.3 Financials
 - 14.3.6.4 SWOT Analysis
 - 14.3.7 Lanxess AG
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
 - 14.3.7.3 Financials

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 14.3.7.4 SWOT Analysis
- 14.3.8 Lukoil
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
 - 14.3.8.3 Financials
 - 14.3.8.4 SWOT Analysis
- 14.3.9 Petroliam Nasional Berhad (PETRONAS)
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
- 14.3.10 Royal Dutch Shell plc
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
 - 14.3.10.3 SWOT Analysis
- 14.3.11 TotalEnergies SE
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
 - 14.3.11.3 Financials
 - 14.3.11.4 SWOT Analysis

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Synthetic Lubricants Market Report by Product (Engine Oil, Hydraulic Fluid, Metalworking Fluids, Compressor Oil, Gear Oil, Transmission Fluid, Turbine Oil, and Others), Base Oil (Polyalphaolefin (PAO), Esters, Polyalkylene Glycol (PAG), and Others), End Use Industry (Automotive, Power Generation, Heavy Equipment, Food and Beverage, Metallurgy and Metalworking, Chemical, and Others), and Region 2025-2033

Market Report | 2025-10-01 | 138 pages | IMARC Group

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Electronic (PDF) Single User	\$3999.00
	Five User Licence	\$4999.00
	Enterprisewide License	\$5999.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-04"/>
		Signature	<input type="text"/>