

# **Global Aviation Lubricants Market Size Study, by Type (Engine Oil, Grease, Hydraulic Fluid, Special Lubricants & Additives), by Technology (Mineral-Based, Synthetic, Polyalkylene Glycol, Polyalphaolefin, Silicone Material), by End-user (Aftermarket, OEM) and Regional Forecasts 2022-2032**

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## **Abstracts**

The Global Aviation Lubricants Market is valued at approximately USD 2.57 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 8.41% over the forecast period 2024-2032. Aviation lubricants, specifically formulated for use in aircraft engines and components, are integral to maintaining mechanical efficiency and ensuring safety. These specialized fluids are designed to endure extreme temperatures, variable pressures, and the strenuous demands of flight, including high shear forces and thermal degradation. By reducing friction and safeguarding against corrosion, aviation lubricants contribute significantly to the extended lifespan of aviation parts. The expansion of the aviation lubricants market is driven by advancements in synthetic lubricant technology, an expanding global aircraft fleet to meet increasing passenger travel demand, and stringent regulations advocating for high-performance, environmentally friendly lubricants.

Aviation lubricants not only facilitate the smooth operation of aircraft but also enhance engine efficiency by providing essential functions such as cooling, corrosion protection, and wear reduction for engine components. The adoption of synthetic lubricants, known for their superior performance under extreme conditions, is on the rise. These lubricants are highly resistant to oxidation and thermal degradation, making them ideal for modern turbine engines and high-performance aircraft. The aviation industry also witnesses the development of bio-based and sustainable alternatives, aiming to address potential

environmental hazards and enhance the eco-friendliness of lubricants.

The key regions study in the Global Aviation lubricants Market includes North America, Asia Pacific, Europe, Latin America and Middle East and Africa. Geographically, in year 2023. North America dominates the market, driven by a robust aviation industry and substantial demand for aviation lubricants in both civil and military aircraft operations. In the Asia Pacific region, economic growth and a burgeoning middle-class consumer base fuel the demand for aviation lubricants, with China and India emerging as a fastest-growing market.

Major market players included in this report are:

Royal Dutch Shell PLC

Exxon Mobil Corporation

BP PLC

Chevron Corporation

Eastman Chemical Company

FUCHS Group

Phillips 66 Company

Lanxess AG

Nyco Group

PJSC Lukoil

Jet-Lube, Inc.

Mcgee Industries, Inc.

Lubricant Consult GmbH

National Process Industries, Inc.

Pure Lubrication Ltd

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

By Type:

Engine Oil

Piston Engine Oil

Turbine Engine Oil

Grease

Hydraulic Fluid

Special Lubricants & Additives

By Technology:

Mineral-Based

Synthetic

Polyalkylene Glycol

Polyalphaolefin

Silicone Material

By End-user:

Aftermarket

OEM

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

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 geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

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

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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