

Lubricant And Grease Market By Type (Heavy Duty Engine Oils (HDEO), Hydraulic fluids, Passenger Car Motor Oil (PCMO), Turbine oils, Gear Oil, Greases, Compressor oil, Others), By Application (Power Generation, Automotive, Heavy Equipment, Food and Beverage, Chemical Manufacturing, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031

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Report description:

The global lubricant and grease market was valued at \$123.8 billion in 2021, and is projected to reach \$168.2 billion by 2031, growing at a CAGR of 3.2% from 2022 to 2031.

Lubricant & grease is a material that lowers friction between two surfaces in contact, lowering amount of heat generated while the surfaces operate. It may have the potential to transfer forces, move foreign particles, and cool or heat surfaces. Lubricity is a quality that helps to reduce friction.

One of the key drivers of the lubricant and grease market is increased demand from end-use industries. Lubricants are utilized in construction equipment, owing to their characteristics, including anti-wear and resistance to corrosion. Hydraulic fluids are used in earthmoving equipment such as crawler excavators and mini excavators, owing to their high energy transmission capacity. In addition, lubricants and grease are utilized to improve equipment drain/re-greasing intervals, improve lubricating efficacy, enhance friction pair wear resistance, and prolong equipment lifespan. Lubricants and grease are used as hydraulic fluids and compressor oils in the steel industry for various applications. Lubricants are required for equipment, including blast furnaces and continuous castings to decrease downtime, and improve operational effectiveness. Such factors are expected to boost the market growth during the forecast period.

Growing Demand For Bio-Based Lubricants

A variety of lubricants manufactured from vegetable oils, such as canola, rapeseed, sunflower, palm, coconut, and soybean, as well as animal fat are referred to as bio-based lubricants, bio-lubes, or bio-lubricants. By using bio-based lubricants, storm water

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pollution caused by brake line, engine, and hydraulic system leaks is considerably reduced. As a result, many European nations have made the use of bio-based lubricants mandatory, particularly in areas with fragile ecosystems. When compared to petroleum-based lubricants, bio-based lubricants perform better and stay longer because they evaporate more slowly and adhere better to metal surfaces. Penalties imposed on the operator in the event of spills or leaks into the environment are substantially lower than those associated with petroleum-based lubricants. These factors have been influencing the adoption of bio-based lubricants across a variety of industries including oil & gas, mining, metalworking, power production, and metalworking. The introduction of various tax incentives supporting the use of bio-based lubricants has been significant in industrialized nations, and developing nations like India and China are expected to follow the trend.

The lubricant and grease market is segmented on the basis of type, application, and region. Depending on type, the market is classified into heavy-duty engine oils (HDEO), passenger car motor oil (PCMO), gear oil, hydraulic fluids, turbine oils, greases, compressor oil, and others. On the basis of application, it is categorized into power generation, automotive, heavy equipment, foods & beverages, chemical manufacturing, and others. Region wise, the market is analyzed across North America, Europe, Asia-Pacific, Latin America, and Middle East.

Major players operating in the lubricant and grease market include, Armor Lubricants, Total, Petromin, Aljomaiah And Shell Lubricating Oil Company Limited, Behran Oil Co., FUCHS, Exxon Mobil Corporation, GULF OIL Middle East Limited (GULF OIL International), Emarat, and Idemitsu Kosan Co., Ltd. To understand the market, drivers, restraints, and opportunities are explained in the report. Furthermore, key strategies adopted by potential market leaders, such as expansion, mergers, and acquisition to facilitate effective planning are discussed under the scope of the report.

Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the lubricant and grease market analysis from 2021 to 2031 to identify the prevailing lubricant and grease market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the lubricant and grease market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global lubricant and grease market trends, key players, market segments, application areas, and market growth strategies.

COVID-19 impact analysis on the lubricant and grease market

As a result of the COVID-19 outbreak in China and its global expansion, manufacturing in the industrial sectors was suspended, which also affected the production of lubricants and grease. The COVID-19 epidemic presented difficulties with the purchase of raw materials as well.

The automotive industry's demand for grease greatly impacts the grease market. During the projection period, the expansion of the OEM and RMO sectors in the automotive sector is anticipated to directly affect the need for greases. The International Organization of Motor Vehicle Manufacturers (OICA) estimates that 80.15 million vehicles were produced in 2021, a 3% increase over 2020. In 2021, the main hub for car manufacturing Asia-Pacific witnessed a general increase of around 6%.

Key Market Segments

By Type

- Turbine oils
- Gear Oil
- Greases
- Compressor oil
- Others
- Heavy Duty Engine Oils (HDEO)
- Hydraulic fluids

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- Passenger Car Motor Oil (PCMO)

By Application

- Power Generation
- Automotive
- Heavy Equipment
- Food and Beverage
- Chemical Manufacturing
- Others

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- Germany
- UK
- France
- Spain
- Italy
- Rest of Europe
- Asia-Pacific
- China
- India
- Japan
- South Korea
- Australia
- Rest of Asia-Pacific
- Latin America
- Brazil
- Argentina
- Rest of Latin America
- Middle East
- Iran, Islamic Republic Of
- Saudi Arabia
- UAE
- Kuwait
- Bahrain
- Qatar
- Rest Of Middle East
- Key Market Players
- [Armor Lubricants]
- , Total S.A.,
- petromin corporation
- aljomaih and shell lubricating oil company limited
- Behran Oil Co.
- FUCHS
- Exxon Mobil Corporation

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- GULF OIL Middle East Limited (GULF OIL International)
- Emarat
- Idemitsu Kosan Co., Ltd.

Table of Contents:

CHAPTER 1:INTRODUCTION

- 1.1.Report description
- 1.2.Key market segments
- 1.3.Key benefits to the stakeholders
- 1.4.Research Methodology
 - 1.4.1.Secondary research
 - 1.4.2.Primary research
 - 1.4.3.Analyst tools and models

CHAPTER 2:EXECUTIVE SUMMARY

- 2.1.Key findings of the study
- 2.2.CXO Perspective

CHAPTER 3:MARKET OVERVIEW

- 3.1.Market definition and scope
- 3.2.Key findings
 - 3.2.1.Top investment pockets
- 3.3.Porter's five forces analysis
- 3.4.Top player positioning
- 3.5.Market dynamics
 - 3.5.1.Drivers
 - 3.5.2.Restraints
 - 3.5.3.Opportunities
- 3.6.COVID-19 Impact Analysis on the market
- 3.7.Pricing Analysis
- 3.8.Regulatory Guidelines
- 3.9.Patent Landscape

CHAPTER 4: LUBRICANT AND GREASE MARKET, BY TYPE

- 4.1 Overview
 - 4.1.1 Market size and forecast
- 4.2 Heavy Duty Engine Oils (HDEO)
 - 4.2.1 Key market trends, growth factors and opportunities
 - 4.2.2 Market size and forecast, by region
 - 4.2.3 Market analysis by country
- 4.3 Hydraulic fluids
 - 4.3.1 Key market trends, growth factors and opportunities
 - 4.3.2 Market size and forecast, by region
 - 4.3.3 Market analysis by country
- 4.4 Passenger Car Motor Oil (PCMO)
 - 4.4.1 Key market trends, growth factors and opportunities
 - 4.4.2 Market size and forecast, by region
 - 4.4.3 Market analysis by country
- 4.5 Turbine oils
 - 4.5.1 Key market trends, growth factors and opportunities

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- 4.5.2 Market size and forecast, by region
- 4.5.3 Market analysis by country
- 4.6 Gear Oil
 - 4.6.1 Key market trends, growth factors and opportunities
 - 4.6.2 Market size and forecast, by region
 - 4.6.3 Market analysis by country
- 4.7 Greases
 - 4.7.1 Key market trends, growth factors and opportunities
 - 4.7.2 Market size and forecast, by region
 - 4.7.3 Market analysis by country
- 4.8 Compressor oil
 - 4.8.1 Key market trends, growth factors and opportunities
 - 4.8.2 Market size and forecast, by region
 - 4.8.3 Market analysis by country
- 4.9 Others
 - 4.9.1 Key market trends, growth factors and opportunities
 - 4.9.2 Market size and forecast, by region
 - 4.9.3 Market analysis by country
- CHAPTER 5: LUBRICANT AND GREASE MARKET, BY APPLICATION
 - 5.1 Overview
 - 5.1.1 Market size and forecast
 - 5.2 Power Generation
 - 5.2.1 Key market trends, growth factors and opportunities
 - 5.2.2 Market size and forecast, by region
 - 5.2.3 Market analysis by country
 - 5.3 Automotive
 - 5.3.1 Key market trends, growth factors and opportunities
 - 5.3.2 Market size and forecast, by region
 - 5.3.3 Market analysis by country
 - 5.4 Heavy Equipment
 - 5.4.1 Key market trends, growth factors and opportunities
 - 5.4.2 Market size and forecast, by region
 - 5.4.3 Market analysis by country
 - 5.5 Food and Beverage
 - 5.5.1 Key market trends, growth factors and opportunities
 - 5.5.2 Market size and forecast, by region
 - 5.5.3 Market analysis by country
 - 5.6 Chemical Manufacturing
 - 5.6.1 Key market trends, growth factors and opportunities
 - 5.6.2 Market size and forecast, by region
 - 5.6.3 Market analysis by country
 - 5.7 Others
 - 5.7.1 Key market trends, growth factors and opportunities
 - 5.7.2 Market size and forecast, by region
 - 5.7.3 Market analysis by country
- CHAPTER 6: LUBRICANT AND GREASE MARKET, BY REGION
 - 6.1 Overview

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- 6.1.1 Market size and forecast
- 6.2 North America
 - 6.2.1 Key trends and opportunities
 - 6.2.2 North America Market size and forecast, by Type
 - 6.2.3 North America Market size and forecast, by Application
 - 6.2.4 North America Market size and forecast, by country
 - 6.2.4.1 U.S.
 - 6.2.4.1.1 Market size and forecast, by Type
 - 6.2.4.1.2 Market size and forecast, by Application
 - 6.2.4.2 Canada
 - 6.2.4.2.1 Market size and forecast, by Type
 - 6.2.4.2.2 Market size and forecast, by Application
 - 6.2.4.3 Mexico
 - 6.2.4.3.1 Market size and forecast, by Type
 - 6.2.4.3.2 Market size and forecast, by Application
- 6.3 Europe
 - 6.3.1 Key trends and opportunities
 - 6.3.2 Europe Market size and forecast, by Type
 - 6.3.3 Europe Market size and forecast, by Application
 - 6.3.4 Europe Market size and forecast, by country
 - 6.3.4.1 Germany
 - 6.3.4.1.1 Market size and forecast, by Type
 - 6.3.4.1.2 Market size and forecast, by Application
 - 6.3.4.2 UK
 - 6.3.4.2.1 Market size and forecast, by Type
 - 6.3.4.2.2 Market size and forecast, by Application
 - 6.3.4.3 France
 - 6.3.4.3.1 Market size and forecast, by Type
 - 6.3.4.3.2 Market size and forecast, by Application
 - 6.3.4.4 Spain
 - 6.3.4.4.1 Market size and forecast, by Type
 - 6.3.4.4.2 Market size and forecast, by Application
 - 6.3.4.5 Italy
 - 6.3.4.5.1 Market size and forecast, by Type
 - 6.3.4.5.2 Market size and forecast, by Application
 - 6.3.4.6 Rest of Europe
 - 6.3.4.6.1 Market size and forecast, by Type
 - 6.3.4.6.2 Market size and forecast, by Application
- 6.4 Asia-Pacific
 - 6.4.1 Key trends and opportunities
 - 6.4.2 Asia-Pacific Market size and forecast, by Type
 - 6.4.3 Asia-Pacific Market size and forecast, by Application
 - 6.4.4 Asia-Pacific Market size and forecast, by country
 - 6.4.4.1 China
 - 6.4.4.1.1 Market size and forecast, by Type
 - 6.4.4.1.2 Market size and forecast, by Application
 - 6.4.4.2 India

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- 6.4.4.2.1 Market size and forecast, by Type
- 6.4.4.2.2 Market size and forecast, by Application
- 6.4.4.3 Japan
 - 6.4.4.3.1 Market size and forecast, by Type
 - 6.4.4.3.2 Market size and forecast, by Application
- 6.4.4.4 South Korea
 - 6.4.4.4.1 Market size and forecast, by Type
 - 6.4.4.4.2 Market size and forecast, by Application
- 6.4.4.5 Australia
 - 6.4.4.5.1 Market size and forecast, by Type
 - 6.4.4.5.2 Market size and forecast, by Application
- 6.4.4.6 Rest of Asia-Pacific
 - 6.4.4.6.1 Market size and forecast, by Type
 - 6.4.4.6.2 Market size and forecast, by Application
- 6.5 Latin America
 - 6.5.1 Key trends and opportunities
 - 6.5.2 Latin America Market size and forecast, by Type
 - 6.5.3 Latin America Market size and forecast, by Application
 - 6.5.4 Latin America Market size and forecast, by country
 - 6.5.4.1 Brazil
 - 6.5.4.1.1 Market size and forecast, by Type
 - 6.5.4.1.2 Market size and forecast, by Application
 - 6.5.4.2 Argentina
 - 6.5.4.2.1 Market size and forecast, by Type
 - 6.5.4.2.2 Market size and forecast, by Application
 - 6.5.4.3 Rest of Latin America
 - 6.5.4.3.1 Market size and forecast, by Type
 - 6.5.4.3.2 Market size and forecast, by Application
- 6.6 Middle East
 - 6.6.1 Key trends and opportunities
 - 6.6.2 Middle East Market size and forecast, by Type
 - 6.6.3 Middle East Market size and forecast, by Application
 - 6.6.4 Middle East Market size and forecast, by country
 - 6.6.4.1 Iran, Islamic Republic Of
 - 6.6.4.1.1 Market size and forecast, by Type
 - 6.6.4.1.2 Market size and forecast, by Application
 - 6.6.4.2 Saudi Arabia
 - 6.6.4.2.1 Market size and forecast, by Type
 - 6.6.4.2.2 Market size and forecast, by Application
 - 6.6.4.3 UAE
 - 6.6.4.3.1 Market size and forecast, by Type
 - 6.6.4.3.2 Market size and forecast, by Application
 - 6.6.4.4 Kuwait
 - 6.6.4.4.1 Market size and forecast, by Type
 - 6.6.4.4.2 Market size and forecast, by Application
 - 6.6.4.5 Bahrain
 - 6.6.4.5.1 Market size and forecast, by Type

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- 6.6.4.5.2 Market size and forecast, by Application
- 6.6.4.6 Qatar
 - 6.6.4.6.1 Market size and forecast, by Type
 - 6.6.4.6.2 Market size and forecast, by Application
- 6.6.4.7 Rest Of Middle East
 - 6.6.4.7.1 Market size and forecast, by Type
 - 6.6.4.7.2 Market size and forecast, by Application

CHAPTER 7: COMPANY LANDSCAPE

- 7.1. Introduction
- 7.2. Top winning strategies
- 7.3. Product Mapping of Top 10 Player
- 7.4. Competitive Dashboard
- 7.5. Competitive Heatmap
- 7.6. Key developments

CHAPTER 8: COMPANY PROFILES

- 8.1 [Armor Lubricants]
 - 8.1.1 Company overview
 - 8.1.2 Company snapshot
 - 8.1.3 Operating business segments
 - 8.1.4 Product portfolio
 - 8.1.5 Business performance
 - 8.1.6 Key strategic moves and developments
- 8.2 , Total S.A.,
 - 8.2.1 Company overview
 - 8.2.2 Company snapshot
 - 8.2.3 Operating business segments
 - 8.2.4 Product portfolio
 - 8.2.5 Business performance
 - 8.2.6 Key strategic moves and developments
- 8.3 petromin corporation
 - 8.3.1 Company overview
 - 8.3.2 Company snapshot
 - 8.3.3 Operating business segments
 - 8.3.4 Product portfolio
 - 8.3.5 Business performance
 - 8.3.6 Key strategic moves and developments
- 8.4 aljomaih and shell lubricating oil company limited
 - 8.4.1 Company overview
 - 8.4.2 Company snapshot
 - 8.4.3 Operating business segments
 - 8.4.4 Product portfolio
 - 8.4.5 Business performance
 - 8.4.6 Key strategic moves and developments
- 8.5 Behran Oil Co.
 - 8.5.1 Company overview
 - 8.5.2 Company snapshot
 - 8.5.3 Operating business segments

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- 8.5.4 Product portfolio
- 8.5.5 Business performance
- 8.5.6 Key strategic moves and developments
- 8.6 FUCHS
 - 8.6.1 Company overview
 - 8.6.2 Company snapshot
 - 8.6.3 Operating business segments
 - 8.6.4 Product portfolio
 - 8.6.5 Business performance
 - 8.6.6 Key strategic moves and developments
- 8.7 Exxon Mobil Corporation
 - 8.7.1 Company overview
 - 8.7.2 Company snapshot
 - 8.7.3 Operating business segments
 - 8.7.4 Product portfolio
 - 8.7.5 Business performance
 - 8.7.6 Key strategic moves and developments
- 8.8 GULF OIL Middle East Limited (GULF OIL International)
 - 8.8.1 Company overview
 - 8.8.2 Company snapshot
 - 8.8.3 Operating business segments
 - 8.8.4 Product portfolio
 - 8.8.5 Business performance
 - 8.8.6 Key strategic moves and developments
- 8.9 Emarat
 - 8.9.1 Company overview
 - 8.9.2 Company snapshot
 - 8.9.3 Operating business segments
 - 8.9.4 Product portfolio
 - 8.9.5 Business performance
 - 8.9.6 Key strategic moves and developments
- 8.10 Idemitsu Kosan Co., Ltd.
 - 8.10.1 Company overview
 - 8.10.2 Company snapshot
 - 8.10.3 Operating business segments
 - 8.10.4 Product portfolio
 - 8.10.5 Business performance
 - 8.10.6 Key strategic moves and developments

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