
Description:

The Global Bio-lubricants Market has been estimated at USD XX.XX in 2014 and is projected to reach USD XX.XX by 2020, at a CAGR of XX.XX% during the forecast period from 2014 to 2020. Lubricants play a vital role in numerous commercial and industrial sectors such as automotive, marine, manufacturing sector, and aviation. They are required in both new and old machines and equipment, as they aid in reducing the friction between components and parts, owing to the wear and tear of surfaces. Bio-based lubricants, also known as bio-lubricants, are either extracted from vegetable oils, such as soybean oil, rapeseed oil, and sunflower oil or from animal oils. Bio-based lubricants are primarily used for reducing friction, preventing corrosion, and transferring heat between automotive and industrial machinery parts.

Bio-based lubricants, owing to their constant viscosity, biodegradability, high flash point, and non-toxicity properties, is becoming an integral part of industrial, commercial, and consumer applications. In the Bio-lubricants market report, we have taken the following applications into consideration: Engine Oil, Diesel Fuel Additives, Hydraulic Oil, Two-stroke Engine Oils, Marine lubricants, Drilling Oil, Process Oil, De-molding Oil, Chainsaw Oils, Compressor Oils, Turbine Oils, Industrial Gear Oils, and Metal Working Oils.

This market is driven by a number of factors, such as shifting focus towards eco-friendly products, and growing demand from automotive industry. However, this market faces certain drawbacks, such as increasing penetration of electric vehicles, high cost association, and limited applications. The aforementioned factors may act as a roadblock to the growth of the market.

The Global Bio-lubricant market, on the basis of raw material can be segmented into vegetable oil-based and animal fat-based. The market, on the basis of end-user industry can be segmented into: industrial/commercial, and transportation. The market has also been geographically segmented into Asia-Pacific, North America, Europe, South America, and Rest of the World. In terms of consumption in 2014, Europe led the market with a share of XX.XX%. With the enactment of stringent emission norms, owing to the growing environmental concerns is boosting the demand for bio-based lubricants in the market.

Furthermore, the consistent increase in the R&D activities to develop improved bio-based lubricants, and rising demand and usage of soyabean and palm oil as raw materials, will offer numerous opportunities in the growth of the Global Bio-based lubricants market. Some of the major companies dominating this market for its products, services, and continuous product developments are Chevron Corp., Total SA, Clarion Lubricants, Albemarle Corp., and Pacific Bio Lubricants Ltd.

Key Deliverables in the Study:

- Market analysis for the Global Bio-based lubricants Market, with region specific assessments and competition analysis on global and regional scales
- Market definition along with the identification of key drivers and restraints
- Identification of factors instrumental in changing the market scenarios, rising prospective opportunities, and identification of key companies that can influence this market on a global and regional scale
- Extensively researched competitive landscape section with profiles of major companies along with their market shares
- Identification and analysis of the macro and micro factors that affect the Global Bio-based lubricants market on both global and regional scales
- A comprehensive list of key market players along with the analysis of their current strategic interests and key financial information
- A wide-ranging knowledge and insights about the major players in this industry and the key strategies adopted by them to sustain and grow in the studied market
- Insights on the major countries/regions in which this industry is blooming and to also identify the regions that are still untapped

Please note: As this product is updated at the time of order, dispatch will be 72 hours from the date the order and full payment is received.
1. Introduction
1.1 Description
1.2 Research Methodology
2. Executive Summary
3. Bio-based Lubricants Market
3.1 Market Overview and Definition
3.2 Industry Value Chain Analysis
3.3 Industry Attractiveness - Porter's Five Forces Model
3.4 Technology Overview
4. Market Dynamics
4.1 Drivers
4.1.1 Shifting Focus towards Eco-friendly Products
4.1.2 Growing Demand from the Automotive Industry
4.1.3 Government Regulations for Supporting the Adoption of Bio-based Alternatives
4.1.4 increase in the Average Age of the Vehicles
4.2 Constraints
4.2.1 High Cost of Production
4.2.2 Limited Applications
4.2.3 increasing Penetration of Electric Vehicles
4.2.4 Decreasing Crude Oil Prices
4.3 Opportunities
4.3.1 Increased R&D Activities to Develop New Products
4.3.2 Accelerating Demand and Usage of Soyabean and Palm oil as Raw Materials
5. Market Segmentation and Analysis
5.1 By Raw Material
5.1.1 Plant-based/Vegetable-based
5.1.1.1 Conventional Crops
5.1.1.1.1 Soyabean
5.1.1.1.2 Palm oil
5.1.1.1.3 Rapseed oil
5.1.1.1.4 Others
5.1.1.2 Industrial crops
5.1.1.2.1 Camelina
5.1.1.2.2 Castor
5.1.1.2.3 Rice Bran
5.1.1.2.4 Jatropha
5.1.1.2.5 Neem
5.1.1.2.6 Karanja
5.1.1.2.7 Popy
5.1.1.2.8 Sesame
5.1.1.2.9 Jojoba
5.1.1.2.10 Coconut
5.1.1.2.11 Lesquerella
5.1.1.2.12 Hemp
5.1.1.2.13 Flaxseed Oil
5.1.2 Animal-based
5.2 By Applications
5.2.1 Engine Oil
5.2.2 Diesel Fuel Additives
5.2.3 Hydraulic Oil
5.2.4 Two-stroke Engine Oils
5.2.5 Marine Lubricants
5.2.6 Drilling Oil
5.2.7 Process Oil
5.2.8 De-molding Oil
5.2.9 Chainsaw Oils
5.2.10 Compressor Oils
5.2.11 Turbine Oils
5.2.12 Industrial Gear Oils
5.2.13 Metal Working Oils
5.3 By End Use
5.3.1 Industrial/Commercial
5.3.2 Transportation
5.3.3 Others
6. Regional Market Analysis (Market size, growth and forecast)
  6.1 Asia-Pacific
    6.1.1 China
    6.1.2 India
    6.1.3 Japan
    6.1.4 South Korea
    6.1.5 Rest of Asia-Pacific
  6.2 Europe
    6.2.1 Germany
    6.2.2 United Kingdom
    6.2.3 France
    6.2.4 Italy
    6.2.5 Rest of Europe
  6.3 North America
    6.3.1 United States
    6.3.2 Canada
    6.3.3 Mexico
    6.3.4 Rest of North America
  6.4 South America
    6.4.1 Brazil
    6.4.2 Argentina
    6.4.3 Rest of South America
  6.5 Middle-East and Africa
    6.5.1 Saudi Arabia
    6.5.2 South Africa
    6.5.3 Rest of Middle-East and Africa
7. Competitive Landscape
  7.1 Mergers & Acquisitions
  7.2 Joint Ventures Collaborations and Agreements
  7.3 Market Shares Analysis
  7.4 Strategies Adopted by Leading Players
8. Company Profiles (Overview, Financials, Products and Services, and Recent Developments)
  8.1 Aarhuskarlshamn AB
  8.2 Albemarle Corp.
  8.3 Benjn R. Vickers & Sons Ltd.
  8.4 Biosynthetic Technologies
  8.5 Carl Bechem GmbH
  8.6 Chevron Corp.
  8.7 Clarion Lubricants
  8.8 Desilube Technology, Inc.
  8.9 Dsi Ventures, Inc.
  8.10 Emery Oleochemicals Group
  8.11 Environmental Lubricants Manufacturing, Inc.
  8.12 Fuchs Petrolub AG
  8.13 Gemtek Products, Llc
  8.14 Green Earth Technologies, Inc.
  8.15 Intech energy systems pvt ltd
  8.16 Kajo Chemie GmbH
  8.17 Klüber Lubrication München Se & Co. KG
  8.18 Maryn International Ltd.
  8.19 Novvi SA
  8.20 Pacific Bio Lubricants Ltd.
  8.21 Panolin International Inc.
  8.22 Polnnox Corp.
  8.23 Renewable Lubricants
  8.24 Rowe Mineralölwerk GmbH
  8.25 Rsc Bio Solutions, Llc
  8.26 Smart Earth Lubricants
  8.27 The Hill and Griffith Co.
  8.28 Total S.A.
  8.29 Unist, Inc.
9. Disclaimer
Ordering:

Order Online - http://www.researchandmarkets.com/reports/3795339/

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Web Address: http://www.researchandmarkets.com/reports/3795339/
Office Code: SCH3LQGK

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Product Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>□</td>
<td>USD 4250</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>□</td>
<td>USD 4500</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>□</td>
<td>USD 8750</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets, Guinness Center, Taylors Lane, Dublin 8, Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank, 27-35 Main Street, Blackrock, Co. Dublin, Ireland.

If you have a Marketing Code please enter it below:

Marketing Code:

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp