



# Bio-lubricants:

## Market Analysis and Opportunities

To Be Published 1st Quarter 2020

Base Year: 2019

Forecasts to 2024

Regional Coverage: Americas ■ Europe ■ Asia

Bio-lubricants are lubricant products that meet any of the following criteria: biodegradability, bio-source derived, or low toxicity. In the past, bio-lubricants were largely a regulation-driven market, and their usage was confined to environmentally sensitive, mostly low severity applications. Effective coordination between the public sector and private entities, along with the emergence of novel synthetic bio-sourced basestocks, had paved the way for expansion of bio-lubricants into more mainstream applications. The current bio-lubricants market is likely to enjoy unprecedented momentum derived from the recent revision of ecolabel schemes, which have the potential to boost growth in established and new end-use industries.

### This Report Will Help Subscribers to:

- Make a reliable and independent assessment of the opportunities and challenges in the bio-lubricants market
- Assess attractiveness of different end-use industries in terms of current penetration of bio lubricants, potential growth, key growth drivers, legislative support, orientation toward bio-lubricants, and roadblocks
- Understand key lubricant product categories where the use of bio-lubricants is growing
- Assess the impact of government procurement, labeling requirements, and other mandates and support to the use of bio-lubricants
- Evaluate key lubricant basestocks used to blend bio-lubricants
- Develop competitive intelligence for use in benchmarking and identifying key bio-lubricant suppliers



## Tentative Report Contents\*

### Introduction

### Overall Market

- Classification of bio-lubricants
- Key bio-lubricants product categories and comparison with petro-lube categories
- Pricing analysis
- Key bio-lubricants basestocks and leading suppliers
- Key suppliers, their product offerings, and focus markets
- Product developments and future trends
- Key end-use applications
- Growth drivers and outlook

### Key Bio-lubricant Markets

- Brazil
- Canada
- China
- France
- Germany
- Italy
- Nordic countries
- South Korea
- United Kingdom
- United States

Each country profile will cover the following:

- Finished lubricants demand overview
- Regulations and legislation regarding bio-lubricants
- Bio-lubricant specifications and products
- Bio-lubricants demand by product category
- Pricing of bio-lubes
- Bio-lubricants demand by end use
- Key trends in end-use segments
- Bio-lubricants suppliers
- Growth drivers and restraints
- Bio-lubricants demand outlook
- Key opportunities and appraisal

\* Subject to charter subscriber input





## Scope

**Bio-lubricants: Market Analysis and Opportunities** will provide a detailed appraisal of the global bio-based lubricants market and analyze opportunities existing in the key country markets and end-use applications. Specifically, the study will address:

- Overall bio-lubricant demand in key country markets in the base year and five-year outlook
- Environmental regulations, government mandates, and labeling for bio-lubricants
- Demand by key end-use applications and products
- Key suppliers of bio-lubricants
- Growth drivers and restraints and demand outlook for bio-lubricants
- Market opportunities and threats

## Key Benefits

This report is a syndicated analysis specifically designed to help subscribers understand the key dynamics of this fast-growing and high-value market. The report will help subscribers to:

- Develop business strategies by understanding the economic, technological, and legislative trends shaping and driving the global bio-lubricants market
- Design and develop products, marketing, and sales strategies targeting key end-use segments
- Develop market-entry and market expansion strategies by evaluating current and future demand scenarios
- Evaluate the major global bio-lubricants players and their products to identify gaps in product portfolios and evaluate new product introductions
- Identify the bio-lubricants market segments poised for strong growth



## Methodology

Kline’s approach places principal emphasis on primary research techniques to ensure that the foundation of business intelligence and insight is accurate, current, and reliable. Building on our 50-plus years in the business and leveraging our worldwide network of offices, our teams of seasoned professionals draw upon pragmatic industrial and commercial experience to understand and interpret global impacts and local perspectives.

### Primary Research

#### We Know Who to Talk to. We Know How to Listen.



A high number of in-depth discussions are conducted by each analyst. All interviews are done with true industry insiders.

Kline’s analysts draw upon pragmatic experience to understand global impacts and local perspectives. Our interviews engage experts across all pertinent fields and sectors including:

- Marketers/manufacturers
- Distributors
- Government agencies
- Retailers
- Suppliers
- Trade organizations

### Secondary Research

#### We Know Where to Look – Mining the Details.



Analysis is further supplemented by secondary research, consisting of constant tracking of annual company reports, national statistics bureaus, trade/ industrial/professional associations, and the like.

Relevant developments are diligently followed and their impact closely monitored. Reports also draw upon non-confidential data from Kline’s internal database, consisting of over half a century’s syndicated research.

### Comprehensive Market Intelligence

#### We Know How to Verify.



Data are rigorously analyzed, cross-checked, distilled, and validated. Kline’s proven methodology allows exceptionally effective, precise, and reliable market

intelligence, giving subscribers a solid foundation on which to grow, refine, and expand their business with confidence.

## Kline Credentials

Kline is a leading global management consulting and market research firm offering the complete spectrum of services. The firm has served the management consulting and market research needs of organizations in the chemicals, materials, energy, life sciences, and consumer products industries for nearly 60 years.

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