



GLOBAL SYNTHETIC LUBRICANT BASESTOCKS 2022 MARKET UPDATE

A quick snapshot view of the global synthetic basestocks market and demand evolution over the next five years. The transition toward a sustainable future entails a swifter move toward the use of synthetic lubricants, which creates a faster demand for synthetic basestocks. Moreover, growing demand in terms of performance requirements favors the use of synthetic basestocks.

Scope



- Global synthetic and semi-synthetic lubricant demand penetration:
 - By segment
 - By product
 - By viscosity grade
- Synthetic basestock demand analysis at a global level and by key regions, covering Africa and the Middle East, Asia-Pacific, Europe, North America, and South America
- Covers synthetic basestocks such as Group III/III+, polyalphaolefin (PAO), polyalkylene glycol (PAG), synthetic ester, phosphate ester, polyisobutylene (PIB), and alkylated aromatics
- Global demand evolution of synthetic and semi-synthetic lubricants, and resultant demand for synthetic basestocks

Regional Coverage



Africa and the Middle East, Asia-Pacific, Europe, North America, South America

Features and Timing



Base Year: 2022

Published: June 2023

**ALSO INCLUDES A PAO DEMAND MODEL
PROVIDING A 20-YEAR DEMAND OUTLOOK**

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Introduction

Finished Lubricants Demand

This section will discuss the penetration of synthetic and semisynthetic lubricants in various lubricant products. It will also provide a five-year growth outlook for various lubricants (synthetic and semi-synthetics).

Polyalphaolefins

The general product overview and its characteristics for polyalphaolefins (PAO) will be analyzed, along with the global capacity for high- and low-vis PAO, current PAO pricing, PAO supply evolution over the next five years, and profiles for the leading suppliers of PAO.

Group III/III+

This report will discuss the general product overview and its characteristics, global capacity for Group III and III+ basestocks, current Group III/III+ pricing, and Group III/III+ supply evolution over the next five years. The study will profile the leading suppliers of Group III/III+ basestocks.

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Synthetic Basestocks Demand

This section will examine the demand for various synthetic basestocks—PAO, Group III/III+, polyalkylene glycol (PAG), synthetic esters, phosphate esters, and polyisobutenes, among others—in various regions and end-use applications. It will also discuss various trends that may affect the demand for such synthetic basestocks over the next five years.

The PAO demand model will provide a detailed look at the PAO demand evolution for the next 20-year period.

Finished lubricant demand (2022 to 2042):

- By region
- By segment
- By Product and viscosity grades

PAO demand outlook (2022 to 2042):

- By region
- By segment
- By PAO type (mPAO vs. conventional PAO)
- By viscosity grade

PAO supply:

- Current and planned PAO capacity additions
- By PAO type
- By viscosity grades (low viscosity vs. high viscosity)

The deliverable for this section will include only an Excel-based demand model.

SUBSCRIBER BENEFITS

Subscribers to the study will receive an in-depth understanding of the current status of the basestocks industry in terms of basestock supply, basestock application space and demand, lubricant formulation trends, basestock pricing mechanism, inter-region trade, inter-material competition, and manufacturing costs.



Subscribers will receive supply demand models for each trade region, which are an invaluable tool for conducting “what-if” analyses based on different assumptions on formulations, viscosity grades and shifts, and overall lubricants demand growth.



The study is a useful tool for sales, marketing, finance, technology, and strategy personnel to quickly learn the fundamentals of the basestock business, understand lubricant basestock requirements of the leading end-use markets, and make business decisions.

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 60-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. Our industry expertise is elevated by technology and systematic data collection processes to deliver more predictive and actionable data and insights.

New and Improved Forecasts



Kline’s new enhanced forecasting capabilities combines the power of advanced data science techniques and industry expertise to predict future market metrics. We analyze economic, demographic, social media, and consumer trend indicators to identify the factors driving growth. Our algorithms refine predications, and our automated processes provide the latest data for informed decision-making.

KLINE CREDENTIALS

Kline, an advisory consultancy and market research firm, combines industry expertise and technology to provide highly predictive and actionable data, insights, and advice. Known as "The Industry Experts," we deliver top-notch services in lubricants and petroleum specialties, professional beauty, and specialty chemicals. This focus gives us a competitive advantage and global leadership in these areas. While we also serve adjacent industries, our specialization sets us apart as the leading experts in our chosen fields.



Custom Research



Market Research Products



Advisory Consulting

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