



PAO MARKET OUTLOOK IN THE AGE OF ELECTRIFICATION: GLOBAL MARKET ANALYSIS AND OPPORTUNITIES

The electric vehicle (EV) market is currently small but growing quite briskly. The EV market will have an impact on the demand for engine oils since battery EVs (BEVs) do not use engine oils. This presents a growing threat to basestocks, including mineral-based and Group IV (or PAO) used to blend engine oils. This report analyzes how demand for PAOs will be impacted over the next 20 years, given the growing role of EVs. The report also discusses the growing opportunities for PAOs in alternate applications created by the proliferation of EVs.

Scope



- Introduction
- Various megatrends impacting finished lubricant demand
 - Electric mobility
 - Ride sharing
 - Sustainability and green hydrogen
- PCMO formulation outlook
- Drivers of engine oil viscosity shifts
- Supply of Group III/III+ basestocks and PAO
- PAO demand: Current and outlook
 - By region
 - By application
 - By viscosity grade
- Emerging applications of PAOs in electric vehicles
 - Key properties of electric fluids and comparison of PAO vis-à-vis other competing products
 - Current status of electric vehicle fluid market and outlook

Regional Coverage



Global

Features and Timing



Base Year: 2020

On Client Request

1st Edition

Featuring PAO Demand Model*

*A comprehensive demand model providing insights on PAO demand by region, application, viscosity grades for current and future market.

SUBSCRIBER BENEFITS

This report serves as an excellent resource for lubricant basestock marketers, additive companies, and lubricant blenders. Specifically, this report assists subscribers by:



Developing an understanding of drivers and barriers for electrification and the likely penetration of EVs



Providing the impact analysis of electrification on the global engine oil demand and the resultant impact on PAO



Presenting the outlook for PAO in context of reducing demand from engine oils and potential demand for application in EV fluids

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.



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