



Opportunities in Automotive Coolants: Global Market Analysis

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Base Year: 2020

Forecasts to 2025

Regional Coverage: Americas ■ Asia ■ Europe

The global growth of the passenger car and commercial vehicle population is driving demand for automotive coolants/antifreeze. Additionally, changing vehicle landscape globally is driving changes in coolant additive systems and base fluids. On one hand, the performance requirements for coolants used in automotive with IC engines are evolving to provide better protection to engines and increasing drain intervals. On the other hand, a niche market segment is emerging for coolants that are used in hybrid and fully electric vehicles, which need sophisticated thermal management systems. Kline's study, Opportunities in Automotive Coolants: Global Market Analysis, provides a comprehensive analysis of the automotive coolants market, focusing on some of the most important country markets around the world. The study provides insights on coolants that are used in vehicles with IC engines as well as in electric vehicles.

This Report Helps Subscribers to:

- Assess the demand for coolants in terms of product type, additive technology, country markets, and end-use applications
- Analyze key trends in coolant demand, such as the shift in product technology, drain intervals, and coolant sump sizes
- Understand product performance requirements for different market segments, such as IC engine and electric vehicles, thus identifying opportunities for growth
- Assess the demand for coolants by key sales channels, including direct, installed, and retail
- Understand different additive technologies in use and preferences by country markets and end-use applications
- Understand key growth drivers and identify market opportunities and challenges



Tentative Report Contents*

Introduction

Executive Summary

- An overview of key findings

Market Profiles

Detailed profiles covering key markets (listed in Table 1) are provided, covering the following information:

- Economic background
- Vehicle population and manufacturing
- Coolants product specifications, plus regulations for usage, recycling, and disposal
- Usage practices, dilution rates, change intervals
- Coolants demand by service-fill and factory-fill applications
- Coolants demand by product base fluid type (ethylene glycol, propylene glycol, glycerin)
- Coolants demand by product technology (IAT, OAT, HOAT, S-OAT, S-HOAT, P-HOAT)
- Short profiles of key coolants suppliers
- Market trends – product trends, technology trends
- Supply chain, coolants demand by sales channel, packaging and pricing, recycled coolants
- Coolant demand outlook by end-use segments – drivers and restraints
- Five-year outlook by end-use segments
- Market evaluation and opportunities
- Coolant suppliers – market structure
- Short profiles of key coolant suppliers

* Subject to charter subscriber input

Table 1: Tentative List of Markets Covered

Americas	Brazil, Mexico, and the United States
Asia	China, Japan, and India
Europe	France, Germany, Russia, and the United Kingdom





Scope

Opportunities in Automotive Coolants: Global Market Analysis provides a detailed independent appraisal of the complex automotive coolants market and explore opportunities and challenges for manufacturers and marketers of coolants in key country markets/regions. Key insight provided in the report includes the following:

- Demand for coolants in key country markets in 2020, split by factory-fill and service-fill applications for consumer and commercial vehicles
- Changing coolant landscape EV penetration and key performance requirements by coolants used in electric vehicles for country markets experiencing significant EV penetration
- Coolant demand split by channel, including direct, retail, and installed
- Demand by product type, additive technology, and market segment
- Supplier market share by key markets
- Analysis of market trends, regulations, growth drivers, and restraints
- Evaluation of market opportunities and challenges

Key Benefits

This report serves as an excellent resource for manufacturers and marketers of coolants to build solid strategic plans and respond to competitive forces, emerging technologies, and evolving market needs. Specifically, this report assists subscribers by providing:

- A highly reliable and independent assessment of coolant demand and market share of leading suppliers in key markets
- An assessment of key market segments in terms of their unique requirements, maintenance practices, distribution networks, challenges for doing business, and opportunities for growth
- An examination of new business opportunities in established and emerging markets
- An understanding of current and future technology trends and the resultant impact of OEM requirements on product performance to assist product development and product differentiation
- An appraisal of market trends and supply and demand drivers, enabling subscribers to position themselves to capitalize on these trends
- Market intelligence for evaluating key opportunities and challenges facing the business



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 over 50 years.

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