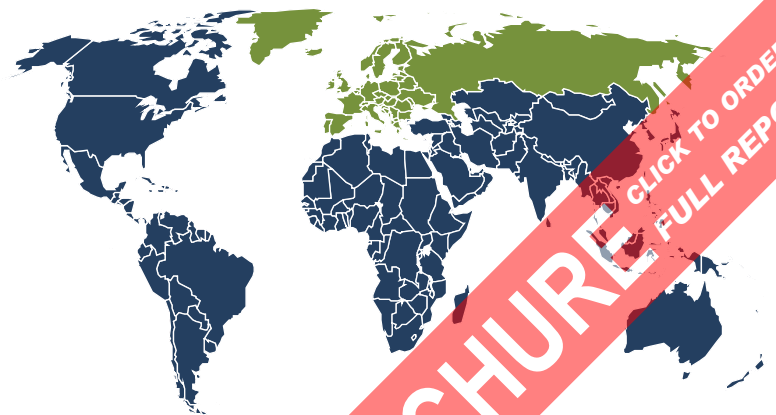




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Lubricants: Europe

March 2021



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About This Report

Scope

This report forecasts to 2024 lubricant demand in metric tons in Europe. Total demand is segmented by product in terms of:

- engine oils
- transmission and hydraulic fluids
- process oils
- metalworking fluids
- other products such as general industrial oils, gear oils, and greases

Total demand is also segmented by market as follows:

- motor vehicles
- manufacturing
- transportation equipment
- off-highway equipment
- other markets such as power generation, oil exploration, and natural gas production

To illustrate historical trends, total demand is provided in annual series from 2009 to 2019; the various segments are reported at five-year intervals for 2009, 2014, and 2019.

This report examines the European market for finished lubricants. It should be noted that world base oil demand is discussed in terms of the location of finished lubricant end use and not of lubricant production or blending. Additionally, API Group III base oils and lubricants from which they are formulated are classified in this report as synthetic products.

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the Table of Contents.

For the purposes of this report, Europe encompasses the following countries:

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Table 5 | Countries in Western Europe

Major Lubricant Markets	Other Western Europe		
France	Andorra	Greenland	Monaco
Germany	Austria	Guernsey	Netherlands
Italy	Belgium	Iceland	Norway
Spain	Channel Islands	Ireland	Portugal
United Kingdom	Denmark	Isle of Man	Saint Pierre and Miquelon
	Faeroe Islands	Jersey	San Marino
	Finland	Liechtenstein	Sweden
	Gibraltar	Luxembourg	Switzerland
	Greece	Malta	Vatican City

Source: The Freedonia Group

Table 6 | Countries in Eastern Europe

Albania	Hungary	Romania
Belarus	Latvia	Russia*
Bosnia and Herzegovina	Lithuania	Serbia
Bulgaria	Macedonia	Slovakia
Croatia	Moldova	Slovenia
Czech Republic	Montenegro	Ukraine
Estonia	Poland*	

*Major lubricant markets.

Source: The Freedonia Group

Sources

Lubricants: Europe (FE35022) is based on *Global Lubricants*, a comprehensive industry study published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources, such as:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- intergovernmental and non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group

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- the findings of other reports and studies by The Freedonia Group

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

Industry Codes

Table 7 | HS Codes Related to Lubricants

HS Code	Definition
2709	Petroleum oils and oils obtained from bituminous minerals, crude
3403	Lubricating preparations and those used in oil or grease treatment of textile and similar materials; excluding preparations containing 70% or more (by weight) of petroleum or bituminous mineral oils
3819	Hydraulic brake fluids and other prepared liquids for hydraulic transmission, not containing or containing less than 70% by weight of petroleum oils or oils obtained from bituminous minerals

Source: United Nations Statistics Division

Table 8 | NACE Codes Related to Lubricants

NACE Code	Definition
19.20	Manufacture of refined petroleum products

Source: European Commission

Freedonia Methodology

The Freedonia Group, a subsidiary of MarketResearch.com, has been in business for more than 30 years and in that time has developed a comprehensive approach to data analysis that takes into account the variety of industries covered and the evolving needs of our customers.

Every industry presents different challenges in market sizing and forecasting, and this requires flexibility in methodology and approach. Freedonia methodology integrates a variety of quantitative and qualitative techniques to present the best overall picture of a market's current position as well as its future outlook: When published data are available, we make sure they are correct and representative of reality. We understand that published data often have flaws either in scope or quality, and adjustments are made accordingly. Where no data are available, we use various methodologies to develop market sizing (both top-down and bottom-up) and then triangulate those results to come up with the most accurate data series possible. Regardless of approach, we also talk to industry participants to verify both historical perspective and future growth opportunities.

Methods used in the preparation of Freedonia market research include, but are not limited to, the following activities: comprehensive data mining and evaluation, primary research, consensus forecasting and analysis, ratio analysis using key indicators, regression analysis,

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end use growth indices and intensity factors, purchase power parity adjustments for global data, consumer and end user surveys, market share and corporate sales analysis, product lifespan analysis, product or market life cycle analysis, graphical data modeling, long-term historical trend analysis, bottom-up and top-down demand modeling, and comparative market size ranking.

Freedonia quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or r^2 . The most stable data series relative to the trend carries an r^2 value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

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Global Food Processing Machinery

Global Hybrid & Electric Vehicles

Global Industrial Rubber Products Market

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Hybrid & Electric Vehicles: United Kingdom

Industrial Rubber Products: United Kingdom

Motorcycles: Europe

Motor Vehicles: Europe

Power Tools: Europe

Refined Petroleum Products: United States

Rubber Processing Chemicals: Europe

Silicones: United States

Transport Equipment: United States

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Chemical Week

Hydrocarbon Engineering

Hydrocarbon Processing

Lube Report

Lubes'n'Greases

Lubes'n'Greases Europe-Middle East-Africa

Oil & Gas Journal

Agencies & Associations

Eurostat

Independent Lubricant Manufacturers' Association

International Monetary Fund

International Rubber Study Group

Organisation for Economic Co-operation and Development

Union of the European Lubricants Industry

United Nations

Verband Schmierstoff-Industrie e.V.

World Bank