

Freedonia Focus Reports
Global Collection



Global Automotive Lubricants

December 2017



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FULL REPORT

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About This Report

Scope & Method

This report forecasts global demand in 2021 for automotive lubricants by product, market, and major world region in metric tons. Product segments include:

- engine oils
- transmission and hydraulic fluids
- gear oils and greases

Reported markets encompass:

- light vehicles
- medium and heavy trucks and buses
- off-highway equipment
- other automotive markets such as motorcycles, recreational vehicles, and outdoor power equipment

Major world regions include North America, Western Europe, Asia/Pacific, and all other regions.

To illustrate historical trends, world, product, market, and regional demand (including product and market segments) are provided for 2006, 2011, and 2016.

Industrial lubricants – including engine oils, hydraulic fluids, gear oils, and greases used in industrial applications – are excluded from this report. The agriculture, construction, mining, and forestry industries all utilize both automotive and industrial lubricants. This report only includes lubricants utilized in the motor vehicle applications in those industries, and those lubricants are classified together under the off-highway equipment market.

This report quantifies trends in terms of compound annual growth rates (CAGRs), which, by definition, employ in their calculation only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the trend beginning in the base year and ending in the forecast year. Forecasts are developed via the identification and analysis of pertinent statistical relationships and other historical trends and events, as well as their expected impact over the forecast period. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

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.

Sources

Global Automotive Lubricants (FW35115) is based on 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 including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- 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 9 | Industry Codes Related to Automotive Lubricants

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industrial Classification	
324110	Petroleum Refineries	2869	Industrial Organic Chemicals, NEC
324191	Petroleum Lubricating Oil and Grease Mfg	2899	Chemicals and Chemical Preparations, NEC
325199	All Other Basic Organic Chemical Mfg	2911	Petroleum Refining
325998	All Other Miscellaneous Chemical Product and Preparation Mfg	2992	Lubricating Oils and Greases

Source: US Census Bureau

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Resources

The Freedonia Group

Global Automotive Lubricants, December 2017

Freedonia Industry Studies

Global Construction Machinery, August 2017

Global Bus Market, May 2017

Automotive Aftermarket for Powertrain Components in North America, March 2017

Power Lawn & Garden Equipment Market in the US, February 2017

Global Diesel Engine Market, January 2017

Synthetic Lubricants & Functional Fluids Market in the US, January 2017

World Motorcycles, October 2016

Lubricants, April 2016

World Agricultural Equipment, April 2016

Freedonia Focus Reports

Global Construction Machinery

Global Forestry Equipment

Global Light Vehicles

Global Medium- & Heavy-Duty Vehicles

Lubricants: United States

Medium- & Heavy-Duty Trucks & Buses: United States

Motor Vehicles: United States

Power Transmission Components: United States

Refined Petroleum Products: United States

Synthetic Lubricants & Functional Fluids: United States

Transport Equipment: United States

World Agricultural Equipment

World Diesel Engines

World Motorcycles

Freedonia Custom Research

Trade Publications

Lubes 'n' Greases

Lubes 'n' Greases EMEA

Lube Report

Lube Report Asia

Lubricants Industry Factbook

Petrosil Base Oil Report

Lubezine

National Oil & Lube News

Agencies & Associations

American Petroleum Institute

ASTM International

The Coordinating European Council

European Automobile Manufacturers Association

Eurostat

International Lubricants Standardization and Approval Committee

International Monetary Fund

Japan Automobile Manufacturers Association

Organisation for Economic Co-operation and Development

SAE International

United States Department of Agriculture

United States Department of Transportation

World Bank