

Ethanol Vehicle Market By Type (Trucks, Cars, Others), By Fuel Type (Gasoline, Diesel), By Blend Type (E10 to E25, E25 to E85, Above E85), By Drive Type (Front Wheel Drive (FWD), Rear Wheel Drive (RWD), All Wheel Drive (AWD)): Global Opportunity Analysis and Industry Forecast, 2021-2031

Market Report | 2023-01-01 | 310 pages | Allied Market Research

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Report description:

The report incorporates the study of the global ethanol vehicle market that focuses on the type of alternative fuels used in different vehicles. Ethanol is one of the most promising alternative fuels to be used entirely or in a blended form with gasoline as ethanol can be produced synthetically as well as biologically. The ethanol blend (E-85) fuel is made from 85% ethanol and 15% gasoline with the sorghum grain as the primary product in its production. The engines that are powered on ethanol deliver more torque than the engines that are powered on gasoline. Also, ethanol powered vehicles have 20% higher mileage than the vehicles that run only on gasoline or diesel. Furthermore, it burns cleaner than conventional fuels, resulting in fewer hazardous gas emissions, which is extremely beneficial from an anti-pollution standpoint. □

Initially, ethanol vehicles are in high demand around the world due to rise in commercial and passenger vehicle manufacturing, as well as improved technology. For instance, in June 2019, Scania launched a 410-horsepower bioethanol engine for its next generation of alternative fuel engines. It can deliver 2,150 Nm torque along with significant reductions in CO₂ and NO_x emissions. Additionally, many countries have begun to mandate that fuel suppliers include a certain amount of renewable energy in their products. This has led to an increased demand for ethanol as a blending agent in gasoline. For instance, in December 2021, Australia's federal government implemented new fuel standards for gasoline from 1 January 2022, which significantly raised the ethanol blend rate in the country and boosted the demand for imports.

In addition, many governments offer subsidies or tax breaks to encourage the use of biofuels like ethanol, which in turn boosting the ethanol vehicle market. These policies have helped making ethanol an increasingly attractive option around the world. Furthermore, the usage of ethanol as a cost-effective and pollution-free fuel assists the several governments in meeting its goal of reducing oil dependence on other countries, resulting in a statewide increase in ethanol-based vehicles adoption in the future

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years. For instance, in September 2021, the Indian government announced intentions for all automobile manufacturers operating in the nation to use flex engines, which can run on many fuels. []

For the purpose of analysis, the global ethanol vehicle market is segmented on the basis of type, fuel type, blend type, drive type, and region. By type, the market is divided into trucks, cars, and others. By fuel type, it is fragmented into gasoline and diesel. By blend type, it is categorized into E10 to E25, E25 to E85, and above E85. By drive type, it is categorized into front wheel drive (FWD), rear wheel drive (RWD), and all-wheel drive (AWD). By region, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

The leading players operating in the ethanol vehicle market are AB Volvo, BMW AG, Daimler AG, Deere & Company, Ford Motor Company, General Motors Company, Honda Motor Co., Ltd., Mitsubishi Motors Corporation, Nissan Motor Corporation, Scania, Toyota Motor Corporation, and Volkswagen AG.

KEY BENEFITS FOR STAKEHOLDERS

- This study presents analytical depiction of the global ethanol vehicle market analysis along with current trends and future estimations to depict imminent investment pockets.
- The overall ethanol vehicle market opportunity is determined by understanding profitable trends to gain a stronger foothold.
- The report presents information related to the key drivers, restraints, and opportunities of the global ethanol vehicle market with a detailed impact analysis.
- The current ethanol vehicle market is quantitatively analyzed from 2021 to 2031 to benchmark the financial competency.

Key Market Segments

By Type

- Trucks
- Cars
- Others

By Blend Type

- E10 to E25
- E25 to E85
- Above E85

By Fuel Type

- Gasoline
- Diesel

By Drive Type

- Front Wheel Drive (FWD)
- Rear Wheel Drive (RWD)
- All Wheel Drive (AWD)

By Region

- North America
 - U.S.
 - Canada
 - Mexico
- Europe
 - UK
 - Germany
 - France
 - Italy
 - Rest of Europe
- Asia-Pacific
 - China
 - Japan

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- India
- South Korea
- Australia
- Rest of Asia-Pacific
- LAMEA
- Brazil
- Argentina
- South Africa
- Rest of LAMEA
- Key Market Players
- AB Volvo
- Ford Motor Company
- Honda Motor Co., Ltd.
- Nissan Motor Corporation
- Scania
- Volkswagen AG
- Deere & Company
- Daimler AG
- BMW AG
- General Motors
- Mitsubishi Motors Corporation
- TOYOTA MOTOR CORPORATION

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