

2016 UPDATE

ETHANOL

Boosts Engine Performance

The increase in ethanol use over the past 30 years has created a great deal of interest in ethanol's fuel properties and how it impacts engine performance.

TRUE

Prevents winter-time problems?

Ethanol acts as a gas line antifreeze helping to reduce wintertime issues.

TRUE

Boosts Octane?

The higher the octane, the greater the torque, power and efficiency. With a 113 octane rating, ethanol is the highest-rated performance fuel in the market and keeps today's high-compression engines running smoothly.

Nearly all gasoline sold in the U.S. today includes 10% ethanol (E10)

All automobile manufacturers have approved the use of E10 since the 1980s

TRUE

Keeps Fuel Systems Clean?

Ethanol and detergents help to keep gummy deposits out of a car's fuel system.

TRUE

Helps reduce climate change-related emissions?

Conventional ethanol helps reduce greenhouse gas emissions by 34% compared to gasoline.

TRUE

Clean, affordable fuel

Using ethanol reduces polluting substances from tailpipe emissions such as:

- Carbon monoxide
- Exhaust hydrocarbons
- Benzene
- Toxics
- Fine particulate matter

Ethanol is utilized by professional racers

Several teams in high-profile national and international racing competitions use ethanol blends like E15, E85, and even E98 because of its high octane and exceptional performance.

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Approved by Engine Manufacturers



What about classic cars?

Classic cars represent just a fraction of vehicles on the road today. 1,500 hours of durability testing show that with proper maintenance, E10 can be used in classic autos.



What about boat engines?

All major marine engine manufacturers, including Honda, Kawasaki, and Mercury Marine, approve the use of E10 in their products. E10 is, in fact, the fuel preferred by the National Boat Racing Association.



What about small engines like lawnmowers and weed eaters?

All major manufacturers of small engines and outdoor power equipment approve the use of E10.



What about motorcycle engines?

E10 is approved by all major motorcycle engine manufacturers. For decades, E10 has been used by motorcyclists as a safe and cost saving alternative to pure gasoline.



What about E15?

Nearly three-fourths of new vehicles are manufacturer-approved to use E15. EPA allows the use of E15 in vehicles built since 2001.



What about higher-level blends?

Higher-level blends like E20–E40 and E85 are approved for use in flex-fuel vehicle engines.

