

Why Consider Propane?

Propane vehicles produce significantly smaller amounts of harmful pollutants when compared to conventionally fueled vehicles. For example, propane vehicles produce up to 90% less carbon monoxide than conventionally fueled vehicles.

There are over 2,600 propane fueling stations in the U.S.

Health Benefits of Propane



- Can produce less particulate matter and carbon monoxide, which are hazardous to your health
- Fewer emissions reduce the creation of smog
- Increased levels of these pollutants can create new cases of asthma, emphysema, and bronchitis; reduced emissions mean reduced effects on individuals that are predisposed to these conditions

Environmental Benefits of Propane



- Nontoxic nature means propane is not harmful to soil or water if spilled or leaked
- Propane is a light, simple hydrocarbon; one of the cleanest burning fuels
- Readily biodegrades in soil, water, or air

Economic Benefits of Propane



- Most accessible alternative fuel to the general public
- Cost of propane is generally similar to that of conventional fuels
- Price does not fluctuate with foreign affairs; price changes typically follow cyclical seasonal pattern

Energy Security Benefits of Propane



- 90% of propane consumed in the U.S. is produced domestically during the extraction of natural gas and crude oil
- Domestic production removes threat of supply disruptions related to foreign imports
- May be used in conjunction with conventional gasoline

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What Is Propane?

Propane is a high energy alternative fuel that can be stored and utilized as a liquid or gas. Propane is a byproduct of either natural gas or crude oil refining.

Propane as a Fuel

Propane was first discovered in 1910 by Dr. Walter Snelling. It was first used as a vehicle fuel in the 1920s.



Propane flame.



Did You Know?

- While about half of petroleum fuels are imported, propane is mainly a domestic product.

- Propane is colorless, odorless, and tasteless. Odorants are added during the refining process.

Propane can be used in two different ways with vehicles: injection as a vapor or liquid fuel. Injection of liquid propane is a fairly new technology that has added benefits for vehicle application. Vapor injection systems are typically older and common in conversion systems.

What Vehicles Can Use Propane?

Most propane vehicles on the road today have been converted to utilize propane. The conversion process is fairly simple, and many manufactures offer conversion kits. There are over 270,000 propane vehicles on the road today.

Vehicles that utilize propane are classified as either dedicated or bi-fuel. Dedicated propane vehicles use propane as their sole source of fuel. Bi-fuel propane vehicles are specifically designed to use either propane or gasoline as their source of fuel.



Propane fueled vehicles.

