

**U.S. Department of Energy - Energy Efficiency and Renewable Energy  
Alternative Fuels Data Center**

**Propane Benefits**

Propane vehicles can produce fewer ozone-forming emissions than vehicles powered by reformulated gasoline. In addition, tests on light-duty, bi-fuel vehicles have demonstrated a 98% reduction in the emissions of toxics, including benzene, 1,3 butadiene, formaldehyde, and acetaldehyde, when the vehicles were running on propane rather than gasoline.

The cost of a gasoline-gallon equivalent of propane is generally less than that of gasoline, so driving a propane vehicle can save money. In addition, propane is the most accessible of all alternative fuels. In the United States approximately 3,000 publicly accessible facilities offer propane.

Approximately 85% of all propane used in this country comes from domestic sources, so driving a propane vehicle can help reduce U.S. dependence on imported oil and strengthen national energy security.

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