

The A to Z of Ethanol

Robert White

Renewable Fuels Association

Ethanol

- Been available since the dawn of fire.
- Liquid fuel.
- Main feedstock is corn, but others are being introduced, including cellulosic.
- Classified as alternative fuel above 70% ethanol.
- Available nearly everywhere, sold mostly as E10, but stored as denatured.

E85

- 85% ethanol, 15% denaturant.
- Ethanol content varies seasonally.
- Designed for flex-fuel vehicles only.
- Typically less expensive than gasoline, varies by location.
- Vehicles have no additional cost.
- Can use gasoline in case of emergency.

Characteristics

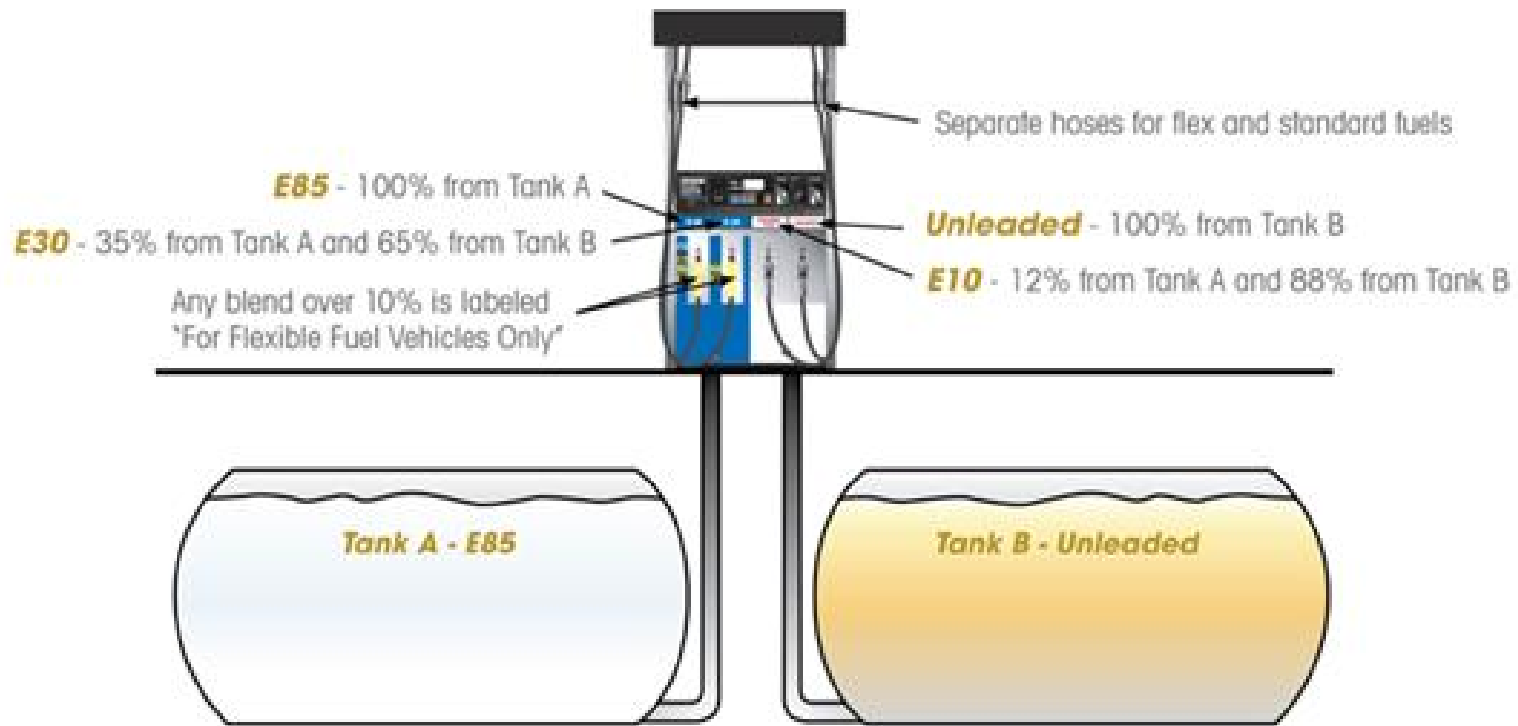
- High octane.
- No driver training required.
- Biodegradable.
- Lowers emissions.
- Made from renewable sources.

How to Purchase?

- Talk to existing supplier.
 - Check compatibility of equipment.
 - Clean existing tanks.
 - Require all fuel blended to ASTM std.
 - Start pumping.
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- 50% federal tax credit for infrastructure, even for non-taxable entities.

Blender Pumps

ethanol blender pumps: how they work*



*In the illustration above, the tanks have been designated for unleaded and E85. Some may choose to use E10 in Tank B or Ethanol in Tank A.

The Future

- Renewable Fuels Standard
- Federal support for education & infrastructure.
- More ethanol capacity coming online.
- More public stations opening weekly.
- More flex-fuel vehicles - 50% of all vehicles produced by GM, Ford & Chrysler by MY12.

Questions?

rwhite@ethanolrfa.org

402-391-1930