What is Ethanol?

Ethanol can be produced not only from corn, barley, and wheat, but also from cellulose feedstocks such as corn stalks, rice straw, sugar cane bagasse, pulpwod, switchgrass, and municipal solid waste. Ethanol is usually blended with gasoline as E10 (10% ethanol and 90% gasoline) or E85 (up to 85% ethanol and 15% gasoline). E85 can only be used in flexible fuel vehicles (FFVs), which all domestic automakers offer.

What Vehicles Can Use Ethanol & How Does it Perform?

From a consumer perspective, there is no noticeable difference in vehicle performance when E10 is used. Because ethanol has lower energy content than gasoline, E85 use will reduce fuel economy. The magnitude of the reduction depends on the vehicle, driving habits and conditions, but 15% is an often-cited average.

What are the Benefits of Ethanol?

Using E85 reduces petroleum consumption. -- Use of E85 will reduce overall use of petroleum and replace it with renewable-based fuel produced in the U.S.

E85 is better for the environment. -- E85 offers environmental benefits such as reducing carbon monoxide, volatile organic compounds, nitrogen oxides, and particulate matter emissions when compared to gas.

Flexible Fuel Vehicles (FFVs) are available and affordable. -- FFVs specifically designed to run on E85 are becoming more common each model year, and FFVs are typically available as standard equipment with little or no incremental cost. For a listings of FFVs, visit hrccc.org/ethanol/e85cars.html

FFVs have flexible fueling options. -- FFVs may operate on gasoline or E85, and a driver may simply fuel with either fuel as the situation dictates. Visit www.e85prices.com for public station pricing information.

E85 is easy to use and handle. -- E85 fueling equipment is only slightly different and of similar cost to equipment to store and dispense petroleum fuels.

Clean Cities is a government-industry partnership designed to reduce petroleum consumption in the transportation sector by advancing the use of alternative fuels and vehicles, idle reduction technologies, hybrid electric vehicles, fuel blends, and fuel economy. Virginia Clean Cities is one of almost 90 coalitions across the U.S. that help meet the objectives of improving air quality, developing regional economic opportunities, and reducing the use of imported petroleum.

www.hrccc.org

See inside and backside for information on E85 locations around VA, MD and DC.

E85 ETHANOL AVAILABLE IN THE MID- ATLANTIC REGION

www.hrccc.org/ethanol.html
### PUBLIC E85 STATIONS

#### VIRGINIA
- **Navy Exchange Oceana**
  1449 Tomcat Blvd, Virginia Beach, VA 23460
  (757) 425-4281  Hrs: 24/7

- **STOP IN · Country Store and Subway**
  1220 Seminole Trail, Charlottesville, VA 22901
  (434) 973-1005  Hrs: 24/7

- **Navy Exchange Quarters K**
  801 S. Joyce Street, Arlington, VA 22204
  (703) 979-0405  Hrs: M-F: 5:30a-7:30p; Sat 7:30a-6p; Sun 9:30a-6p

#### WASHINGTON D.C.
- **Georgetown Chevron**
  2450 Wisconsin Ave, NW, Washington, DC 20007
  (202) 337-6277  Hours: 24/7

- **22 Florida LP-MAPP**
  22 Florida Ave NW, Washington DC
  (202) 323-2511  Hrs: 24/7

#### MARYLAND
- **Chevron Service Center**
  3240 Ford Mead Road, Laurel, MD 20724
  (410) 880-4740  Hours 7a-7p M-F

- **Towncenter Chevron**
  12301 Middlebrook Rd, Germantown, MD 20874
  (301) 972-5122  Hrs: 24/7

- **Congressional Plaza Sonoco**
  1464 Rockville Pike, Rockville, MD 20852
  (301) 770-7240  Hours M-F 6a-11p; Sat 7a-11p; Sun 7a-10p

- **Takoma Park Texaco**
  6400 New Hampshire Ave, Takoma Park, MD 20912
  (301) 270-7119  Hours: 7a-11p daily

### PUBLIC E85 STATIONS

#### MARYLAND
- **Bethesda W Express**
  5143 River Road, Bethesda Maryland

- **Germantown W Express Chevron**
  20510 Frederick Rd, Germantown, MD 20876
  (301) 353-8288  Hours: 24/7

- **Fredericktowne Chevron**
  1395 West Patrick St, Frederick, MD 21702
  (301) 696-8591  Hours: 6a-11p daily

- **Bestgate Shell**
  811 Bestgate Rd, Annapolis, MD 21401
  (410) 266-3892  Hrs: 24/7

- **Quik-Mart Citgo Parole**
  2042 West Street, Annapolis, MD 21041
  (410) 571-9676  Hours: M-F 5:30a-9:30p; Sat 7a-9p

- **Washingtonian W Express**
  10003 Fields Road, Gaithersburg, MD

- **Montgomery County Agencies**
  16640 Crabbs Branch Way, Gaithersburg, MD
  (240) 777-5730  Hours: 24/7

### RESTRICTED ACCESS E85 STATIONS

#### MARYLAND
- **Andrews Air Force Base**
  Andrews AFB, MD 20762

- **Baltimore State Office Center - DGS**
  301 W Preston St, Baltimore, MD 21201

- **City of Baltimore**
  420 Front Street, Baltimore, MD 21202

- **National Institute of Health**
  9000 Rockville Pike, Bethesda, MD 20542

- **Goddard Space Flight Center**
  Bldg 27, Soil Conservation Road, Greenbelt, MD

- **Social Security Administration**
  6401 Security Blvd, Woodlawn, MD 21235

#### VIRGINIA
- **NASA Langley Research Center**
  2 East Ames Street, Hampton, VA

- **Marine Corps Base - Quantico**
  Quantico, VA 22134

- **Fort Belvoir**
  Fort Belvoir, VA

- **VA Office of Fleet Management Services**
  2400 Leigh Street, Richmond, VA
  (Government fleets only)

- **Bolling Air Force Base**
  Washington, DC 20032

### RESTRICTED ACCESS E85 STATIONS

#### VIRGINIA
- **AAFES Post Exchange - DSCR**
  8000 Jefferson Davis Hwy, Richmond, VA 23214
  Access: Public (with base access privilege and ID)

- **Naval Station Norfolk**
  Bldg U-113 Bellinger Blvd, Norfolk, VA 23511
  Access: Public (with base access privilege and ID)

- **Yorktown Naval Weapons Station**
  Yorktown, VA 23691
  Access: Public (with base access privilege and ID)