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, pulpwood, 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.

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

What are the Benefits of Ethanol?

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

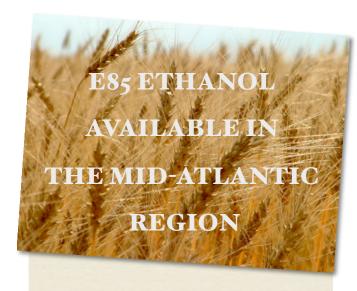
E85 is better for the environment. — E85 offers environmental benefits such as reducing carbon monoxide, volatile organic compounds, nitrogen oxides, and particulate matter emissions when compared to gas.

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 https://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.

www.hrccc.org/ethanol.html





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



701 Carrier Drive MSC 4115 Harrisonburg, VA 22807 Phone: (540) 568-8896 - Fax: (540) 568-5181 www.hrccc.org

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-730p; Sat 730a-6p; Sun 930a-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 Hours: 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 Hours: 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 530a-9p; 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

VIRGINIA

AAFES Post Exchange - DSCR

8000 Jefferson Davis Hwy, Richmond, VA 22134 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)

RESTRICTED ACCESS E85 STATIONS

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)

WASHINGTON D.C.

DC Fleet Management Admin Fueling

1835 West Virginia Ave NE, Washington, DC 20002

Bolling Air Force Base

Washington, DC 20032

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