

E15. Driving Change in Minnesota

85% Gasoline & 15% Ethanol

E15

- Growing our economy
- Reducing air pollution
- Increasing energy independence
- Boosting octane
- Lowering gas prices

What is E15 gasoline?

E15 is a new gasoline available at a quickly growing number of stations in Minnesota and other states. It consists of 85% gasoline and 15% ethanol, and has a higher octane rating than regular unleaded. All regular unleaded sold in Minnesota already includes a 10 percent ethanol blend—E15 is just five percentage points more.

E15 is not the same as E85, an ethanol-based fuel sold at 300+ stations in Minnesota for use in flex fuel vehicles only.

Which Vehicles Can Use E15 Gasoline?

E15 has been approved for use in all model year 2001 and newer cars, light-duty trucks, medium-duty passenger vehicles (SUVs), and all flex fuel vehicles (of any age) by the U.S. Environmental Protection Agency. This approved group of vehicles includes more than 80% of the cars, trucks and SUVs on the road today.

Vehicles that should not use E15 are model year 2000 and older cars, light-duty trucks, and medium-duty passenger vehicles and all motorcycles. You should not use E15 to fuel off-road vehicles, including boats and snowmobiles. You should also not put E15 in small, gasoline-powered equipment such as lawn mowers, snow blowers, chainsaws, etc.

Scientific research completed by the federal government and universities to date is overwhelmingly supportive of using E15 in 2001 and newer vehicles, with no problems in drivability, materials compatibility, or emissions control. Now that E15 is being sold, the number of miles driven successfully on E15 continues to grow each day. NASCAR also uses E15 in their race cars, and Brazilian drivers have used higher ethanol blends in their vehicles for decades.



What Will E15 Cost?

Based on current prices, E15 is typically sold at a discount to both E10 ethanol blends as well as gasoline containing no ethanol.

**A new
choice for
Minnesota
drivers.**

E15. A New Choice for Minnesota Drivers



E15 Fuel Dispenser Label

Why Use E15 Gasoline?

It's About Choice — Drivers with vehicles approved for this new fuel can choose for themselves if they want E15 or the E10 blend sold in Minnesota since 1997.

Choosing E15 helps Minnesota take yet another step closer to breaking our addiction to oil. Fueling with E15 will help Minnesota reach our petroleum reduction goals and help America reach the goals set by Congress in the Renewable Fuels Standard (RFS), but there is no requirement that anyone use the higher octane, lower priced fuel. The choice is yours.

Energy Security — With no petroleum resources of our own, Minnesota must import every drop of petroleum we use as vehicle fuel from other states and foreign countries. However, we have the ability to produce more than one billion gallons of cleaner burning, renewable ethanol every year.

Cleaner Air — Use of ethanol reduces lifecycle greenhouse gas emissions, particularly compared to Canadian tar sands crude, the source of a majority of Minnesota's petroleum. Using ethanol also reduces carbon monoxide emissions and air toxics such as benzene, a known carcinogen.

Stronger Economy — Minnesota's ethanol industry generates \$5 billion in economic activity. Blending ethanol into our gasoline helps to create good-paying local jobs, keeps more of the dollars spent on fuel close to home and creates new markets for Minnesota's bountiful corn harvest as well as other future renewable feedstocks.

Ethanol Facts

A Renewable Fuel

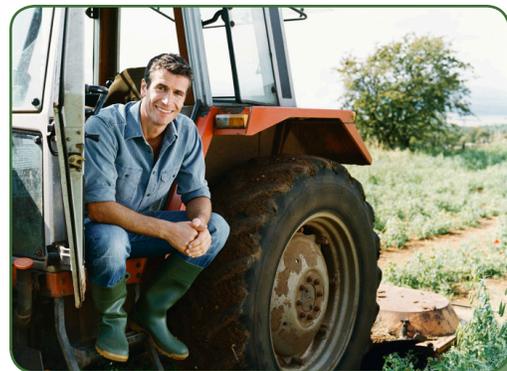
Fossil fuels like gasoline and diesel are in limited supply; once that supply is used up, it is gone. Ethanol is made from renewable resources, like corn and a growing number of other feedstocks, that can be turned into fuel and are planted again each spring, making it an energy source we can use year after year.

One Kernel, Many Uses

A 56-pound (lb) bushel of field corn not only yields 2.8 gallons of ethanol, it also produces 1.6 lbs of corn oil, 10.9 lbs of high-protein livestock feed and 2.6 lbs of corn meal, providing multiple uses for every kernel.

Energy From the Sun

The energy balance for ethanol is superior to gasoline. The U.S. Departments of Energy and Agriculture report that a gallon of ethanol contains 87% more energy than it takes to produce - including the energy needed for growing the corn. A gallon of gasoline contains 19% fewer units of energy than it takes to produce.



For more information visit:

MNFuels.com

GetEthanol.com

MNBiofuels.org

MDA.state.mn.us

MNCorn.org