

to use or not to use - that is the **ETHANOL** question...



What is Ethanol?

Ethanol is a liquid alcohol obtained from fermenting sugar or starch converted to sugar. In Canada, fuel ethanol is made from grains such as corn, wheat and barley.

Ethanol is used either as a blending ingredient in fuels or as a main fuel. There are two types of ethanol fuels:

Low-level ethanol-gasoline blends with ethanol concentrations of up to 10 percent. They can be used in today's vehicles and are the main ethanol fuels used in Canada.

High-level ethanol-gasoline blends with ethanol concentrations of 60-85 percent. They can be used in special factory-produced vehicles called flex-fuel vehicles (FFVs).

Why is it in our fuel?

Ethanol is now being used as a replacement to the anti-knock compound MTBE. (Methyl tert-butyl ether) MTBE was found to have adverse environmental effects. Ethanol does the same job as MTBE, it increases the octane number of your fuel.

Can ethanol in my fuel harm my vehicle's engine?

Some vehicles can run the new gasoline fuel blends just fine but others may have big problems. Since ethanol can loosen contaminants and residues in the fuel system, this may require changing your vehicle's fuel filter more often. But the main problem with ethanol fuel mixes is that the ethanol component of the fuel can attack rubber seals in fuel systems and other engine components. And unlike MTBE, ethanol absorbs moisture so the fuel breaks down quicker.

How can I prevent damage?

- Replace fuel every 2-3 weeks, shelf life of this fuel is only 3 months under ideal conditions.
- Check your owner's manual to see what type of fuel is recommended for your car.
- Prevent external water or moisture from coming into contact with your fuel.
- Maintain your engine to provide optimum fuel efficiency
- Become familiar with symptoms of "bad gas"
- Keep your vehicle well tuned and follow manufacturers recommended maintenance schedule.

Tip of the Month

If you have questions about your specific vehicle, the owner's manual is a wonderful tool!



New Service

Ask Mark about Highlift Auto's **New Value Added Oil Change**



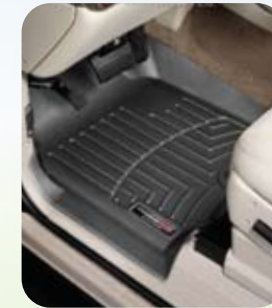
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Welcome to August!

Like you, when I take my family out on the road I want to feel confident they are safe. That's why I came up with the idea of our New Value Added Oil Change. When you leave Highlift Auto you know that your car is safe for the road. Just one more reason to get your vehicle maintained at Highlift Auto.

Mark and Darcy

HOURS
MONDAY - WEDNESDAY: 8 AM-5 PM • THURSDAY: 8 AM-9 PM
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