THE TRUTH ABOUT E30

There seems to be many misconceptions and inaccuracies related to the use of higher ethanol blends in vehicles we have in our garages. Much of this has arisen due to limited information, misinformation, or just simply wild guesses coming from ill-informed individuals, industries, and governmental entities. Ethanol is a great fuel alternative, additional supplement, or blending agent for our country and it needs to be fully utilized as such.

- **E30** is high octane 93, premium fuel that will be the automotive industry’s dream in order to meet higher mileage requirements.
- **E30** blends can actually increase available horsepower and torque.
- **E30** typically maintains fuel economy or with minimum change depending on the vehicle.
- **E30** reduces harmful cancer causing carcinogens contained in gasoline.
- **E30** is made from the corn grown in your neighbors fields.

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E30 WORKS!

Wicks, a native of Watertown, South Dakota founded Dyno-Tune Speed and Performance in Watertown in 2003, a business which specializes in enhancing high performance fuel injected vehicles. He has worked on over 15,000 cars from all over the US and developed an E85 Flex Fuel conversion kit for non-flex vehicles which he has sold nationwide.

Wicks has conducted countless tests regarding E30 in non-flex fuel vehicles (see right). The results continue to prove how E30 can actually increase available horsepower and torque, with fuel economy being maintained or slightly changed (increased or decreased depending on the vehicle).

The results also show that E30 is typically not the cause of a ‘check engine’ light: in reality, your vehicle more than likely has a maintenance issue that happened to appear at the same time or thereafter.

Wicks is unaware of any voided automotive manufacturer warranties caused by the usage of E30. In fact, most vehicles built in the last 20 years have the same components and can handle higher blends of ethanol.
WHAT IS THE E30 CHALLENGE?

ARE YOU READY?

Who would have ever thought that a little place like South Dakota might be a trend setter for the rest of the nation? We are advocating a fundamental change in the way we fuel our automobiles.

South Dakota is challenging conventional wisdom in order for biofuels like ethanol to finally realize their true potential. That conventional wisdom is that our non-flex autos can only operate on 10% ethanol blends and at most 15%. Nearly a century ago, Henry Ford recommended E30 for his higher compression automobiles, warning that the alternatives – tetraethyl lead and benzene-based aromatic hydrocarbons – provided a lower octane kick and contained dangerous cancer causing poisons and carcinogens.

Cars then and now are capable of using much higher blends and the auto industry knows it. In fact the optimum blend to maximize octane and energy content is in the 25-40% volume range, according to the Department of Energy.

What does this have to do with South Dakota? Well, a revolution has to start somewhere and Glacial Lakes Energy is leading the “E30 Challenge” by challenging everyone to try E30.

E30 TESTING
IN THREE MAJOR FULL SIZE PICKUPS SHOWS...

+ Experienced a 30+ horsepower gain over regular 87 octane gasoline as measured on a rear wheel chassis dynamometer

+ Experienced a 10% gain in power by just changing fuels

+ The increase in overall power, allows the engine to do more work with less pedal effort, giving fuel economy advantages

+ All engine parameters were closely monitored and no engine warning lights were triggered during the test

THE GOAL:
TO CHANGE YOUR FUEL OF CHOICE TO E30

Education and promotion is focused on the community, as well as seminars with dealerships, technical colleges, city police and fleet managers, farmers unions, and automotive mechanics. The retailers are also educated on the value of octane, clean air and local jobs.

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