

TIPS ON PUMPING GAS

Only buy or fill up your car or truck in the early morning when the ground temperature is still cold.

Remember that all service stations have their storage tanks buried below ground. The colder the ground the more dense the gasoline, when it gets warmer gasoline expands, so buying in the afternoon or in the evening....your gallon is not exactly a gallon. In the petroleum business, the specific gravity and the temperature of the gasoline, diesel and jet fuel, ethanol and other petroleum products plays an important role. A 1-degree rise in temperature is a big deal for this business. But the service stations do not have temperature compensation at the pumps.

When you're filling up do not squeeze the trigger of the nozzle to a fast mode.

If you look you will see that the trigger has three (3) stages: low, middle, and high. In slow mode you should be pumping on low speed, thereby minimizing the vapors that are created while you are pumping. All hoses at the pump have a vapor return. If you are pumping on the fast rate, some other liquid that goes to your tank becomes vapor. Those vapors are being sucked up and back into the underground storage tank so you're getting less worth for your money.

One of the most important tips is to fill up when your gas tank is HALF FULL or HALF EMPTY.

The reason for this is, the more gas you have in your tank the less air occupying its empty space. Gasoline evaporates faster than you can imagine. Gasoline storage tanks have an internal floating roof. This roof serves as zero clearance between the gas and the atmosphere, so it minimizes the evaporation. Unlike service stations, here where I work, every truck that we load is temperature compensated so that every gallon is actually the exact amount.

Another reminder, if there is a gasoline truck pumping into the storage tanks when you stop to buy gas, DO NOT fill up--most likely the gasoline is being stirred up as the gas is being delivered, and you might pick up some of the dirt that normally settles on the bottom. Hope this will help you get the most value for your money.

WHERE TO BUY USA GAS

These companies import Middle Eastern oil:

Shell..... 205,742,000 barrels (No 2 to boycott)
Chevron/Texaco..... 144,332,000 barrels (No. 3 to boycott)
Exxon/Mobil..... 130,082,000 barrels (definitely #1 to boycott)
Marathon/Speedway... 117,740,000 barrels
Amoco.....62,231,000 barrels

Here are some large companies that do not import Middle Eastern oil:

Sunoco.....0 barrels
Conoco.....0 barrels
Sinclair.....0 barrels
BP/Phillips.....0 barrels
Hess..... 0 barrels
ARCO.....0 barrels