



Gas Pumping Tips For Fuel Savings

1. Only buy or fill up your car or truck early in the 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 a gallon. The specific gravity and the temperature of gasoline plays an important part/role in how much you get.
2. When you are 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. You should be pumping in the low mode, thereby minimizing 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 of the liquid that goes to your tank becomes vapor. Those vapors are being sucked up and back into the underground storage tank, so you are getting less gas for your money.
3. One of the most important tips is to fill up when your gas tank is HALF FULL. The reason for this is the more gas you have in your tank the less air occupying it's 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.



4. One last 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 of the tanks.