# Petrol Tips.

*Next time you go to a filling station for petrol:-*
Only buy or fill up your car 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 petrol, when it gets warmer petrol expands, so buying in the afternoon or in the evening your litre is not exactly a litre. In the petroleum business, the specific gravity and the temperature of the petrol, diesel and other petroleum products plays an important role. A one 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 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 stages: low, middle, and high. You should be pumping on low mode, thereby minimizing the vapours that are created while you are pumping. All hoses at the pump have a vapour return. If you are pumping on the fast rate, some of the liquid that goes to your tank becomes vapour. Those vapours are being sucked up and back into the underground storage tank so you are getting less worth for your money.

Another important tip is to fill up when your petrol tank is half full. The reason for this is the more petrol you have in your tank the less air occupying its empty space. Petrol evaporates faster than you can imagine. Petrol storage tanks have an internal floating roof. This roof serves as zero clearance between the petrol and the atmosphere, so it minimizes the evaporation. Unlike service stations, in the refineries every tanker that is loaded is temperature compensated so that every litre is actually the exact amount.

Final reminder, if there is a petrol tanker pumping into the storage tanks when you stop to buy petrol, DO NOT fill up; most likely the petrol is being stirred up as the petrol is being delivered, and you might pick up some of the dirt that normally settles on the bottom of the storage tank; you can do without that in your Seven!