

Tips On Pumping Gas

I don't know what you people are paying for gasoline... but here in Sacramento County we are paying, on average, over \$4.30 per gallon. These tips come from a friend who has been in petroleum for about 31 years now, so here are some tricks to get more of your money's worth for every gallon.



These tips come from the Kinder Morgan Pipeline where he works in San Jose, CA. They deliver about 4 million gallons through the pipeline in an average 24-hour period. One day they are pumping diesel; the next day is jet fuel, and gasoline, regular and premium grades. They have 34-storage tanks here in San Jose with a total capacity of 16,800,000 gallons.

And here are some of his tips.

Only buy or fill up your car or truck in the early morning when the ground temperature is coolest. 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 service stations do not have temperature compensation at the pumps.

When you're filling up do not squeeze the trigger of the nozzle to the fastest 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 of liquid going into your tank becomes mixed with the 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

Safe Summer Water Safety Tips

By Jill Conner – Metro Fire

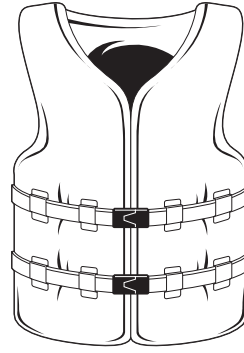
Drowning is the leading cause of death for children under the age of 4. In the movies and on television, drowning is a noisy process. There is splashing and struggling that makes a lot of noise. In real life, however, drowning is usually a silent killer. Young children don't have the ability to right themselves or stand up, even in a few inches of water. As a result, they just "slip away" in silence.

Toddlers and preschoolers need constant adult supervision and life jackets that fit, each time they play near or in the water. Pool toys, such as rings or arm 'floaties' are NOT good for protection... they are toys.

Swimming lessons are a good idea, but while it is great that the kids have learned to swim, unfortunately their confidence level often far exceeds their abilities, and this can lead to poor choices and reckless behavior. Parents too may overestimate their child's ability to swim, feeling that they can leave the child unsupervised, because the child has had swimming lessons.

Most drownings and near-drownings happen during a brief lapse in supervision, less than 5 minutes, when a parent or adult supervisor becomes distracted or involved in some other activity such as answering a telephone or tending to another child. A life vest is no substitute for supervision, but it can buy time.

Life jackets DO save lives. But it is important that the life jacket be the correct size for the wearer. A life jacket is not something that you buy large and let the child 'grow into'. Life jackets must be the proper size for the child NOW. A life jacket that is too large can easily slip off of the child leaving them unprotected.



If you are planning an outing to a lake or river and you do not have life jackets for the family, you can get a free loaner life jacket from Metro Fire. For a list of stations that loan out life jackets, go to our web site at: smfd.ca.gov. On major holiday weekends in the summer, there are life jacket loan out stations at the rivers, manned by volunteers from C.E.R.T. (Citizens Emergency Response Team). You can use these life jackets for the day free of charge.

Another measure that should be taken by all parents of young children, is to learn CPR. If an accident should occur, your child will have a much better chance of surviving if CPR is started immediately!

Even if you don't live around a pool or a lake, there are water hazards in and around every home. Toddlers have drowned in five-gallon buckets, garden ponds and toilet bowls. Children can drown in just a few inches of water.

Mishaps can happen just outside your door, so reduce your child's access to water. Children are attracted to water and will quickly wander toward it.

- Pools should be enclosed on all four sides with a fence at least four feet high and entrance only through a locking gate.
- Never leave toys in the pool – children may fall in the pool to retrieve them
- Keep buckets and garbage cans covered.
- Empty the wading pool when you're not using it.
- Cover hot tubs when not in use. Keep your child's hair away from suction drain covers in pools, spas or in hot tubs.
- Fence around garden ponds.

Remember, DROWNING IS PREVENTABLE!!

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—and save on car repairs as well.

SHARE THESE TIPS WITH OTHERS! This article is also posted in a special section of OrangeVale's Country Journal's Internet Updates site so it can be copied and sent to friends anywhere in the country.

Crime Statistics

Date	Time	Crime	Address	Location Type	Area
5/17/2008	18:00	Burglary From Vehicle	8100 block of Sundance Dr	Vehicle	2503
5/18/2008	11:00	Larceny/Theft	9300 block of Paddock Ct	Residence/home	2508
5/18/2008	13:30	Burglary From Vehicle	6700 block of Hazel Ave	Vehicle	2512
5/19/2008	8:30	Burglary Residential	5400 block of Plantain Cir	Residence/home	2521
5/20/2008	3:09	Burglary Residential	9000 block of Pecor Way	Residence/home	2519
5/20/2008	21:00	Burglary From Vehicle	9800 block of Beachwood Dr	Vehicle	2521
5/21/2008	2:45	Burglary Business	9100 block of Greenback Ln	Commercial/office building	2516
5/21/2008	7:30	Simple Assault	7800 block of Mountain Ave	Residence/home	2505
5/21/2008	9:15	Burglary Residential	8300 block of Central Ave	Residence/home	2503
5/21/2008	23:00	Burglary From Vehicle	9100 block of Orangevale Ave	Vehicle	2516
5/22/2008	0:01	Simple Assault	9200 block of Madison Ave	Parking lot/garage	2519
5/22/2008	18:00	Burglary From Vehicle	8400 block of N Star Way	Vehicle	2502
5/23/2008	17:00	Burglary Residential	9200 block of Greenback Ln	Residence/home	2508
5/23/2008	22:00	Burglary From Vehicle	8300 block of Forest Creek Ln	Vehicle	2503
5/24/2008	1:00	Burglary From Vehicle	5600 block of Walnut Ave	Vehicle	2521
5/24/2008	15:00	Larceny/Theft	8700 block of Greenback Ln	Grocery/supermarket	2515
5/24/2008	18:00	Vandalism	9100 block of Renee Ann St	Vehicle	2519
5/24/2008	21:00	Burglary Residential	6600 block of Woodmore Oaks Dr	Residence/home	2501
5/25/2008	16:45	Vandalism	8700 block of Springhills Way	Vehicle	2515
5/26/2008	1:20	Simple Assault	Hazel Ave / Aksarben Dr	Highway/road/alley	2519
5/28/2008	17:30	Larceny/Theft	6300 block of Hazel Ave	Other/unknown	2516
5/29/2008	20:00	Vandalism	9200 block of Greenback Ln	Other/unknown	2508