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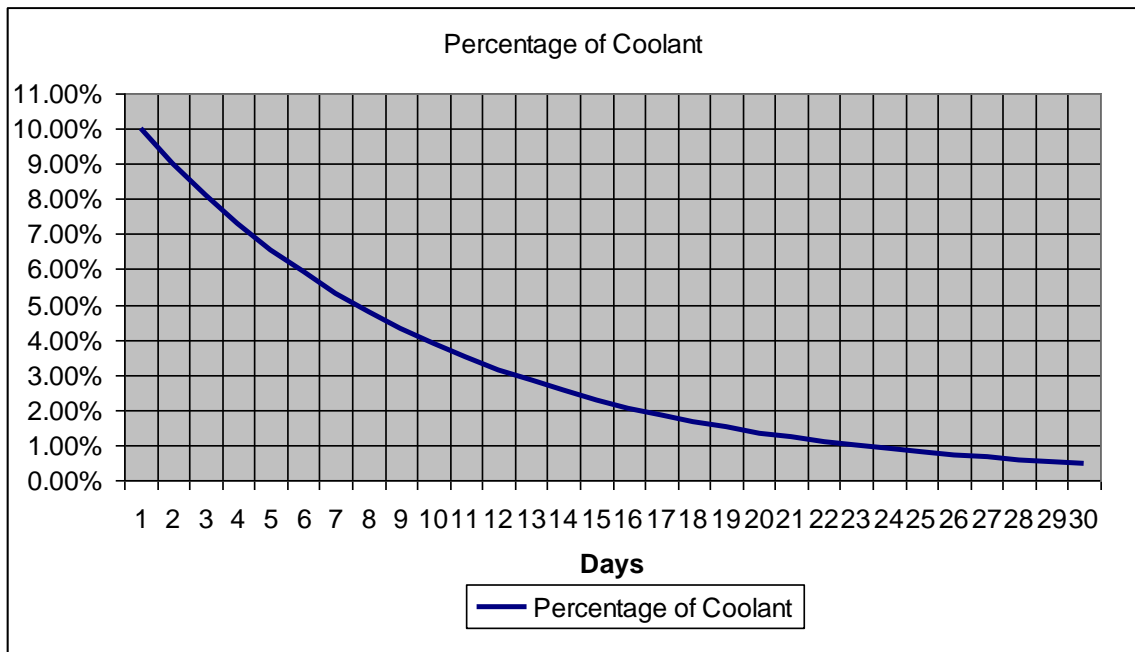
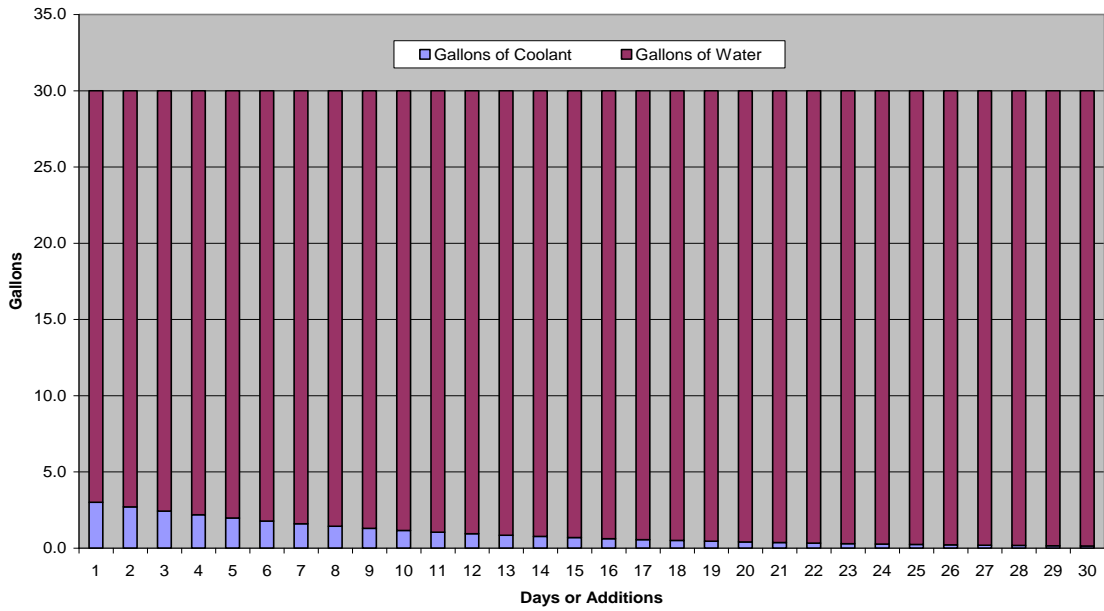
[www.liquidicecoolant.com](http://www.liquidicecoolant.com)

## Helpful hints that will maximize the advantages of Liquid-Ice® Coolants

1. Don't trust your refractometer! The refractive indices shown on our label are based on mixing water with our concentrate. They are very useful when initially charging your system to make sure that you have achieved your desired level of coolant concentration. They are also very useful to make sure that subsequent make up coolant additions are at the desired level. Refractometers can not distinguish between all the other variables in your coolant tank, such as metal fines, way lubrication, dirt, etc. All of these extraneous items will raise the reading on your refractometer and cause you to think that the coolant concentration is higher than it is.
2. Always add a little fresh coolant concentrate with every makeup coolant addition! Generally, you should plan on 30 – 40% of what you originally charged the system to. So if you are trying to maintain a 10% mix your make up should go in at 3 – 4%. (For HPX use 5%). Use 1 quart (4 cups) per 5 gallons of water. **Makeup coolant should be added daily in order to keep the sump fresh, and at the proper concentration.** (See chart on back for a graphical representation.)
3. Never blow off table and fixtures at the end of the day. Since our coolant is not sticky or tacky, it is 99% removed by blowing it off of parts, fixtures, tables, etc. Removing the coolant also removes its' inherent corrosion protection. A much better solution is to wash down all surfaces and fixtures with the coolant which, when dry, will protect them from rust. If you ever see rust, then you know that the coolant concentration is too low, or there isn't any coolant on it at all.
4. Keep your system clean! Way oil easily floats to the top of all Liquid-Ice Coolants, so use an oil skimmer or a wet vacuum every few days to take off the oil. This waste oil is food for water based bacteria. Good housekeeping is the key to keeping your system odor free and at peak performance.

Thank you for using our products, should you ever have any questions or concerns, about our products, please give us a call.

### Coolant Loss Model



### ASSUMPTIONS:

SYSTEM CAPACITY 30 GALLONS; CHARGED WITH 10% COOLANT (9:1)  
 DAILY LOSS OF SYSTEM VOLUME IS 10%; OF WHICH 90% IS WATER  
 DAILY COOLANT MAKE UP IS MADE USING WATER ONLY RESULTING  
 IN LOSS OF CONCENTRATION AS SHOWN ABOVE