



Winterizing and Prolonged Storage of E-10 Gasoline

Any vented fuel tank containing E-10 gas that stands for longer than 30-45 days should be treated with the following winterizing procedures to maintain the integrity of the fuel.

1. Try to determine if there is any standing water/ethanol on the bottom of the tank. Check fuel filters, water/ separators, or use [MDR's Water Probe Indicator](#) if the tank can be dipped straight down.
2. If no water is indicated, E-Zorb should be added at the suggested ratio of 1 oz to 20 gallons of E-10 gas to compensate for condensation during storage. If an excessive amount of water is indicated it should be safely pumped out and discarded according to local hazardous waste disposal methods. Then add an equal amount of E-Zorb to the remaining phased out water/ethanol on the bottom and agitate fuel (per "3" below). When the fuel clears all remaining water/ethanol has been emulsified back into the fuel (Fig. 3 above). Clear fuel can be determined by checking a fuel sample from the fuel filter or water separator after running the engine for a short time.
3. Now add MDR's Gas Stor-N-Start to the tank at a ratio of 1 oz to 5 gallons of gas with enough Stor-N-Start to treat the tank when totally full. Immediately thereafter fill the tank to 95% capacity with fresh E-10 gasoline, which should be enough to agitate the E-Zorb and Stor-N-Start, dispersing them throughout the tank. However, if the tank is already full or only needs a small amount of new E-10 gas, insert an air hose to the bottom of the tank allowing the air pressure to bubble the gas for 5-10 minutes. This should be sufficient to complete the agitation process. Then, after running the engine for 5-10 minutes to circulate the treated fuel throughout the fuel system and lastly fogging the engine, the entire system is winterized and ready for Spring.