



### **Ethanol Fuel Facts Bulletin and Disclosure**

Dear Valued GLM Family Member,

In the spring of 2005 ethanol blended gasoline was first introduced to Nantucket. Since its introduction, as you may have heard or even experienced, ethanol blended fuels have demonstrated characteristics proven to cause numerous operating errors with many fuel delivery systems and internal combustion engines, specifically and especially those used in and on boats.

In response to the unique conditions that exist on our island, GLM has gathered the following facts and instituted the subsequent policy in an effort to inform our customers and mitigate the negative impacts of ethanol blended fuels.

#### **Get the facts:**

- When Ethanol blended fuel breaks down, degrades, segregates or separates it becomes part water.
- Water and oil do not mix.
- Water is not a combustible fuel commonly used in internal combustion engines on boats and can damage engines upon entry into them.
- Unfortunately there is no product currently on the market that enables anyone to guarantee with 100% certainty that fuel will not segregate, separate, foul or "go bad."
- Boat engines operate at lower running temperatures than other internal combustion engines and are therefore more sensitive to fuel content and fuel quality.
- Running old or fouled ethanol blended fuels through any fuel system and into the engine subjects the fuel system and engine components to damage and possible failure. A common symptom in automobiles is a pre-ignition "ping" or "knock." A common symptom in boats is engine failure.
- Ethanol deteriorates and destroys fuel lines, pumps, injectors in all types of applications and certain sensitive filters found in many boat applications. In extreme cases, fouled fuel can damage the engine head and cylinders.

#### **What GLM provides to help combat and protect against ethanol related issues:**

- We offer the island's only *Concierge Program* designed specifically around the unique needs and care of each specific boat. (refer to the concierge agreement)
- We add the latest and most effective stabilizers, and treatments currently on the market to your fuel tank as part of our routine winterizing process.
- We add fuel system detergent and octane booster to the fuel in the spring during our routine commissioning process.

- With the prior written consent of the customer we can pump out and dispose of fouled fuel. GLM is not able to guarantee that any of the fuel currently in your tank, although treated, will not experience phase separation before the Spring 2014 Season. If phase separation occurs, this fouled or “bad” fuel will need to be pumped and flushed from your fuel tank and system. Because it is considered a hazardous material, the current disposal rate for fuel is \$16.00 per gallon plus labor (\$109/hr).
- If you know that you will not use your boat for an extended period of time or if you know that you consistently do not burn one entire tank in any one season, GLM strongly advises against overfilling your fuel tank. Fill your fuel based on your actual roundtrip usage. You’ll save on fuel and on potential remediation services.
- If you plan on storing your boat for a period greater than 2 months, we now recommend that you use as much fuel as possible prior to storage and have us pump and flush the remaining fuel from your tank and store your boat with an empty tank and fuel system.
- If you do not already have an in-line water separating fuel filter, GLM will install one between the fuel tank and engine. Unless you have elected to join the GLM *Concierge Program* it is **the boat owner’s** responsibility to check and empty this filter regularly throughout the season to prevent it from getting completely filled with water. We recommend checking the filter every time you check or switch on/off your battery, that’s our standard practice for *Concierge* clients.

The GLM Team works tirelessly to search the market for the best and most effective products available. GLM has made every effort on all our clients’ behalf to ensure that all the boats in our care continue to operate in a safe and proper manner for this season and many years to come. We believe that by following the procedures we have outlined above we can minimize, but **cannot prevent all potential problems.**

There is an abundance of information available in a variety of locations. We recommend and encourage that all boat owners make the time and effort to research the issue for themselves. If you do not subscribe to the information outlined herein, and would like us to deal with and handle the fuel in your boat in a different manner, please write us an email and we will be happy to accommodate your specific request. You can reach me at this email [RLarrabee@greyladymarine.com](mailto:RLarrabee@greyladymarine.com).

We greatly appreciate your business and are proud to have you all as part of the GLM family. Thank you for your time and attention in the review of the above information.

Thank you – The GLM Team