

# MARINE GASOLINE TREATMENT (VMGAF)



## TREATS NON-MARINE FUEL TO PREVENT ETHANOL/GASOLINE RELATED PROBLEMS

ValvTect® marine gasoline treatment (VMGAF) is an advanced high performance gasoline additive designed to protect fuel systems from problems caused by ethanol gasoline (up to E85) and non-ethanol gasoline. ValvTect® Marine Gasoline treatment is formulated with a very sophisticated detergent/dispersant package to help gasoline powered engines operate at peak performance by cleaning up deposits and keeping the engine & fuel system in "like new" condition. Powerful stabilizers/antioxidants to keep fuel fresh and extend the shelf life as much as 2 years or more. Additional corrosion inhibitors to protect fuel systems from rust and corrosion. This is important in marine applications and other high moisture, vented fuel tank environments. Friction modifier to reduce friction between moving parts and maximize operating efficiency.



Continued use of ValvTect® Marine Gasoline Additive can reduce fuel consumption, improve acceleration, improve engine octane performance & lower harmful exhaust emissions. Product performance has been documented by ASTM, SAE & NACE corrosion tests with both ethanol & ethanol free grades of gasoline. Eliminates the need for other fuel additives. Continuous use helps provide the following:

### FEATURES AND BENEFITS

- Stabilizes fuel for long term storage. Extends the shelf life of gasoline up to 2 years or more.
- Extra corrosion inhibitor to prevent rust & corrosion of fuel system (A rated in NACE tests).
- Cleans up fuel injectors, combustion chamber, intake valves, ports, carburetor & manifold deposits.
- Disperses water to help safely remove it and helps prevents phase separation.
- Prevents fuel filter plugging & helps extends fuel filter life.
- Contains Friction Modifier for maximum performance.
- Improves engine power, acceleration, performance and reduces fuel consumption. \*
- Helps prevent fuel line freezing.
- Prevents octane number loss.

### APPLICATIONS

This gasoline additive is specially formulated for use in all types of 2 & 4 cycle gasoline engines. This product may be used in all heavy-duty, high performance, marine gasoline engines when engine cleanliness, longer shelf life & additional performance is desired. This product does not replace the need for 2-cycle oil.

### PACKAGING

Available in 4 oz (118mL), 16 oz (473 mL), and 32 oz (946mL) containers.

### PRODUCT SPECIFICATIONS

- Color (ASTM D1544) – Clear to amber
- Specific Gravity @ 60°F – 0.8718
- Density, lbs./gal (approx.) – 7.27
- Flash Point of F, PMCC – 1110
- Additive Pour Point °F – <-50
- Viscosity @ 77°F cSt – 1.86

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## BLENDING RECOMMENDATIONS

Product should be added directly to the fuel tank prior to adding fuel. Fuel tank should have a 20% heel of gasoline & be free of excess water and/or sludge. Double treat not required for long term storage. If spilled, wipe immediately.

| <u>Treat Rate</u>  | <u>Detergency</u>     |
|--------------------|-----------------------|
| 1oz: 10 gallons    | Clean Up & Keep Clean |
| 4 oz: 40 gallons   | Clean Up & Keep Clean |
| 16 oz: 160 gallons | Clean Up & Keep Clean |
| 32 oz: 320 gallons | Clean Up & Keep Clean |

## SAFETY PRECAUTIONS

When handling this product, persons should exercise caution and use with adequate ventilation. Avoid contact with skin and eyes. Close container after each use. See cautions indicated on bottle and in the corresponding Safety Data Sheet before handling and storing this product.

**DISCLAIMER:** The performance of this product depends on many factors outside the control of the company, including proper application and environmental conditions. Therefore, the company cannot guarantee this product's suitability for your particular purpose of application. To the extent consistent with applicable law, the company EXPRESSLY DISCLAIMS ALL REPRESENTATIONS AND WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE or otherwise that extend beyond the statements made on the label, and shall not be liable for special, incidental, or consequential damages resulting from the use or handling of this product, the exclusive remedy being the replacement of this product or refund of the purchase price of the product, at the company's sole discretion. To the extent consistent with applicable law, buyer/user assumes all risk of possession, handling, or use of this material when use and/or handling is contrary to label instructions.