

MARINE GASOLINE ADDITIVE (VMGA)



PREVENTS ETHANOL RELATED PROBLEMS

ValvTect® Marine Gasoline Additive is formulated to upgrade ethanol blended & conventional gasoline to ValvTect Marine Gasoline. It is specially formulated to prevent ethanol fuel related problems by controlling moisture to prevent phase separation and maintain octane rating.

ValvTect Marine Gasoline Additive goes "Beyond Top Tier" performance, helping gasoline powered engines operate at peak performance by keeping the engine & fuel system in "like new" condition. Continued use 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. Continuous use helps provide the following:

FEATURES AND BENEFITS:

- Additional corrosion inhibitor to prevent rust & corrosion of fuel system (A rated in NACE tests).
- Disperses water to help safely remove it.
- Prevents phase separation with ethanol gasoline.
- Stabilizes fuel for long term storage and extends gasoline shelf life up to a year or more.
- Cleans combustion chamber, carburetors, fuel injectors, intake valves, intake port and manifold deposits.
- Prevents fuel filter plugging and extends filter life.
- Improves engine power & performance by removal of system deposits.
- Prevents octane number loss
- Safe for 2 cycle & 4 cycle gasoline engines.
- Eliminates the need for all other fuel additives.
- Provides "Beyond Top Tier" Performance.



APPLICATIONS

This gasoline additive can only be used to formulate ValvTect Marine Gasoline by a Certified ValvTect Marine Fuel Distributor or Certified ValvTect Marine Fuel Marina. It is specially formulated for 2 & 4 cycle heavy-duty, high performance, marine engines. This product does not replace the need for 2-cycle oil. This product may be used in all marine gasoline engines when engine cleanliness & additional performance is desired.

PACKAGING

Available in bulk upon special request, 300 gal. totes, 55 gal. drums, and 2.5-gallon containers.

PRODUCT SPECIFICATIONS

- Color (ASTM D1544) – 15
- Specific Gravity @ 60°F – 0.9050
- Density, lbs./gal (approx.) – 7.54
- Flash Point °F, PMCC – 105
- Additive Pour Point °F - <-50
- Viscosity @ 77°F

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BLENDING RECOMMENDATIONS

Product should be added to the fuel transport or storage tank prior to adding fuel. Storage tank should have a 20% heel of gasoline & be free of excess water and/or sludge.

Treat Rate Detergency

1:3200 Keep Clean/Clean Up "Beyond Top Tier Detergency"

GALLONS OF GASOLINE	VMGA OUNCES	OR	VMGA GALLONS	GALLONS OF GASOLINE	VMGA OUNCES	OR	VMGA GALLONS
500	20		0.2	8500	340		2.7
1000	40		0.3	9000	360		2.8
1500	60		0.5	9500	380		3.0
2000	80		0.6	10000	400		3.1
2500	100		0.8	10500	420		3.3
3000	120		0.9	11000	440		3.4
3500	140		1.1	11500	460		3.6
4000	160		1.3	12000	480		3.8
4500	180		1.4	12500	500		3.9
5000	200		1.6	13000	520		4.1
5500	220		1.7	13500	540		4.2
6000	240		1.9	14000	560		4.4
6500	260		2.0	14500	580		4.5
7000	280		2.2	15000	600		4.7
7500	300		2.3	15500	620		4.8
8000	320		2.5	16000	640		5.0

SAFETY PRECAUTIONS

When handling this product, persons should exercise caution and wear protective goggles, gloves and clothing. See cautions indicated 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.