

FuelSpec®

Specialty Fuel Additives

FuelSpec® 117-2505

Combustion Catalyst for Gasoline and Diesel Fuels

Combustion catalysts are products that change the reaction of hydrocarbon with oxygen in the combustion process inside an engine. These products increase the burning process resulting in more efficient use of fuel and reduced emissions. Use of FuelSpec® 117-2505 combustion catalyst will:

- Reduce particulate matter or smoke in engine exhausts by up to 90%.
- Reduce NO_x in engine exhausts by up to 75%.
- Improve fuel efficiency by 6% to 10%.
- Diminish engine wear caused by non-lubricating fuels.

FuelSpec®117-2505 is specifically designed for use in gasoline and Diesel engines. In addition to an oil-soluble iron combustion catalyst, it contains a lubricity component that lubricates metal parts within the fuel handling system. Natural lubricants in fuels are removed at the refinery in the hydrodesulfurization process to meet ultra low sulfur requirements for modern fuels. Adding the lubricity component eliminates damage to moving parts in fuel lines (valves, injectors, etc.).

The dosage rate for the product is one fluid ounce per twenty gallons of fuel. The product is delivered in a pint container with a side reservoir for transferring measured amounts to the fuel tank. As a liquid, the product easily disperses and mixes into the fuel for good results compared with solid catalysts that are difficult to dissolve in fuel and yield marginal results.

FuelSpec® 117-2505 is a thoroughly tested and patented additive. Testing for EPA Registration has not been completed. This product is therefore limited to off-road use and for test purposes only in on-road applications. The product does not violate fuel specifications and engine warranties when used as instructed. Engine manufacturers including Wärtsilä, Caterpillar and Cummins have issued letters stating that FuelSpec® fuel additives will not violate their warranties.

FuelSpec® products are protected by the following U.S. Patents: 6,881,235, 6,886,010, 6,986,327, 7,229,482, 7,524,340 and foreign patents in thirty-three countries.