

GreentecTM

Eco Products



Fuel Saver and Engine Conditioner

Applications:

Greentec Fuel Saver and Engine Conditioner can be used in all petrol and diesel engines including cars, trucks, heavy machinery, buses, ferries, tugboats, dredges, generators and stationary engines.



Features:

- Improves fuel economy.
- Removes water from fuel by enabling the fuel and water to emulsify.
- Cleans and eliminates diesel bug.
- Dissolves waxes, varnishes and gums in fuel systems
- Improves engine performance.
- Does not contain hydrocarbons, sulphur, phosphorus, nitrogen or metallic ingredients.
- Will not alter the Octane or Cetane levels in the fuel and therefore should not void the engine or fuel warranty.
- Non hazardous, non flammable and non-corrosive.
- Easy to use.
- Can not be overdosed.
- Added to fuel at a dilution rate of 1:4000.
- Add to storage tanks or fuel tanks prior to filling.
- Available in 20 litre drums or 1,000 litre Palecon.

Diesel Bug Information

The first thing that must be understood is that Diesel is an organic fuel and therefore subject to bacterial growth like any other organic matter.

There are known to be over 20 species of fuel bugs that can take-up residence in your fuel tank and when the conditions are favourable the bugs multiply rapidly. Diesel bugs can double their numbers every 20 minutes and one single spore can produce over 260,000 cloned descendants in six hours.



The fungal spores are carried by air and water and can enter the fuel system anywhere along the delivery chain via filling ports, vents and condensation within the fuel tank. Air space within the fuel tanks contains water vapour which condenses and sinks to the bottom of the tank creating an ideal environment for the growth of the most common of bacteria or fungi known as - "Cladisporium Resinae".





Benefits:

- Prevents an interface from forming between the fuel and water layers where undesirable diesel bug bacteria grow.
- Cleans engines
- Improves engine efficiency.
- Unblocks injectors.
- Promotes clean and efficient combustion of fuel.
- Significant reduction in harmful emissions.
- Eliminates black smoke.
- Increase in power and torque
- Lowers engine temperature
- Prolongs filter life.
- Reduces engine operating and maintenance costs.
- Reduction in engine downtime.

'Fuel Saver and Engine Conditioner is a proprietary blend of ingredients designed to remove water that may be trapped in your fuel tank and fuel system. It works by emulsifying water in the fuel and expelling this through the normal combustion process releasing harmless water vapour (as an additional by-product to normal engine combustion gases). Fuel Saver and Engine Conditioner also serves to extend fuel life by removing contaminants that would otherwise remain in your fuel tank ensuring greater fuel economy and extended life of your fuel system components'.

Each spore lives for approximately 48 hours and as older fungi die their bodies accumulate forming a slime that ultimately floats upwards into the fuel – contamination can occur rapidly and it doesn't take long for the bugs to contaminate the entire fuel system. The sludge is drawn into the engine quickly clogging filters, causing loss of power, narrowing fuel lines and eventually leading to engine breakdown. A portion of sludge adheres to the inner walls of the tank and fuel lines producing corrosive hydrogen sulphide that causes metal defects and pitting of the injectors and fuel related components.



Fuel Bug Contamination

Fuel bug contamination is a serious and major problem, fuel tanks that are badly infested with the bug should be treated with caution or major problems will occur.



Greater fuel economy and extended life of your fuel system components.

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