

New Product Update & Parts Information

Star Tron Diesel Fuel Additive

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Star Tron Diesel Fuel Additive

Following the introduction of new diesel fuel regulations at the beginning of the year, many people are now concerned about managing the growth of bacteria in diesel fuel storage tanks.

Vapormatic has introduced **Star Tron** enzyme fuel additive for diesel. 'Star Tron' has all the benefits of improving combustion, emissions and efficiency, but also effectively controls unwanted bacteria that can grow in diesel tanks.

Keeping your fuel clean – Controlling 'Diesel Algae'

When diesel fuel sits in a tank with excessive air space, the daily temperature changes produce condensation (water formation) on tank walls. This water falls into the fuel where it sinks to the bottom, providing a breeding ground for the bacteria, mold, yeast and fungi known as "diesel algae." These ever-present spores thrive in warmer climates, living in the water layer and feeding on the hydrocarbon fuel. If left untreated, these can form large colonies that can ruin fuel, causing serious clogging in fuel filters, fuel lines, and can damage fuel injectors.



Common treatment for this problem up until now has been the use of a biocide to kill existing growth and prevent a future infestation. The use of a biocide can however cause other problems. Once the growth is killed, the resulting biomass settles to the tank bottom where it decays, forming organic acids. The acids then deteriorate the fuel and cause corrosion of the tank walls, injectors and fuel delivery system.

Additionally, biocides can be harmful to all those who handle them or come in contact with treated fuel, plus they can cause environmental damage if spilled. **Star Tron** uses **Enzyme Technology** to disperse microbial growth throughout the fuel. These microbial particles are then either safely burned away or filtered out.

Other features:

- Cleans injectors, fuel delivery system and combustion chambers
- Dramatically increases the shelf life of fuel. **Star Tron** treated diesel **will keep for up to two years**
- Up to 80% reduction in carbon soot emissions
- Increases fuel economy by improving the combustion process
- Restores the condition of old fuel; improving cetane ratings, removing water and breaks down deposits.

Typical use:

- Diesel storage tanks
- Vehicles left for long periods over the winter (ideally before they are put into storage but even before first use will restore old fuel)
- Vehicles with heavy use

237ml bottle – Treats up to 1,000 litres of diesel. **Part No.** [VLB1044](#) (pack of 12)

1 litre bottle – Treats up to 3,785 litres of diesel. **Part No.** [VLB1045](#) (single pack)