

DIESEL POWER STABLE

Stabilizer for Diesel Fuel containing Biodiesel



Pursuant to the European Community legislation on environmental impact, fuel producers are required to use a proportion of Organic material in their products.

On an average of 4.5%, a proportion of Biodiesel is used in diesel fuel; however, such percentage can be increased up to 7%.

The downside of using Biodiesel is that it produces bacteria and water, forming a biological "magma" that tends to sink to the bottom of cisterns and fuel tanks, and once this magma has entered into the system, especially if the concentration exceeds normal amounts, it can clog the filters and block the regular fuel flow, resulting in an engine shutdown.

This happens particularly during spring and summer when temperatures tend to rise, facilitating the production of these bacteria. This problem has been more pronounced in the latest engines of trucks that have ultra-fine filters, and in the engines of vehicles that experience periods of inactivity, such as boats (seasonal) or public transport vehicles (which operate in alternate periods).

Another problem due to the use of Biodiesel, which is present during the winter months, due to colder temperatures, is the greater tendency of freezing and the fuel crystallization found inside the filters.

Magigas, thanks to its years of experience in producing additives, has created a specific product containing stabilizers, dispersants and antioxidants capable of counteracting the formation of "parasitic" agents and hinder their development.

This additive, when used in more concentrated doses, also has a bactericidal function, killing bacteria already present in fuel storage (when cisterns are heavily contaminated, a subsequent fuel filtering after the bactericidal treatment is necessary to eliminate the dead bacteria that usually settles at the bottom).

Conditions for use: With regards to the bactericidal option, we recommended that you use one bottle of the product for every 250 litres of fuel, while for the timeout option regarding the production of parasites, we recommend the use of one bottle for every 800/1,000 litres of fuel.

Data Sheet

Characteristics	Result	Unit of Measure
Density'	895	Kg/m ³
Colour	Colourless	
Freezing point	<-30	C°
Flash Point	< 20	C°