



Top Gasoline + Hybrid

Product Sheet

Top Gasoline + Hybrid is a multifunctional additive compatible with all types of petrol, designed for latest generation engines and especially hybrid ones. Suitable for vehicles with both GDI and PFI fuel systems and start and stop devices. It provides excellent cleaning performance and maintains the cleanliness of the entire fuel system, while protecting it from wear and corrosion.

The clogging of the injectors leads to a poor quality of fuel atomization, resulting in an irregular flow to the engine. This problem is particularly marked in GDI engines since, unlike PFI systems, in this configuration the injectors are located directly in the combustion chamber. Working in high temperature conditions, in close contact with burnt gases, they are therefore more subject to the accumulation of carbon residues which compromise their regular operation. Deposits can also cause the valves to stick, thus altering the correct fuel/air ratio and therefore the combustion efficiency.

When the fuel system gets dirty, not only does the engine performance decrease in terms of driveability and response, but there is also higher fuel consumption and particulate emissions.

In hybrid vehicles and in general with dual fuel ones there is also the problem of fuel oxidation, caused by the prolonged presence of petrol in the tank, and the greater tendency to contamination by condensation water.

Top Gasoline + Hybrid contains a special package of detergent and dispersing substances that allow the deposits to be effectively removed from the first treatment, restoring the regular fuel supply to the combustion chamber and consequently the energy efficiency of the engine. Counteracts the possible presence of traces of water in the fuel by keeping them dispersed and facilitating their elimination, without negatively affecting combustion efficiency.

Its use, continuous or periodic, allows to keep the fuel system clean, preventing the accumulation of dirt on injectors, manifolds, intake ducts and valves, thus avoiding the progressive decline in engine performance.

Thanks also to its anti-friction additives, it allows for an improvement in performance in terms of power, fuel saving and reduced emissions. Furthermore, it protects the mechanical components from wear, especially the injectors and the high pressure pump, extending their life even in the case of severe operation and city use.

Maroil s.r.l. – Bardahl Italia

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Its particular formulation gives the fuel greater stability and inhibits its aging, thus avoiding the formation of acidic substances and the accumulation of oxidation residues in the tank and on the filter. Its antioxidant and stabilizing effect makes it particularly suitable for hybrid and dual fuel engines, where the fuel is more subject to degradation and aging phenomena.

The additive also carries out a protective action which preserves all parts of the system from rust and corrosion, counteracting the harmful effects caused by any traces of water present in the fuel.

PROPERTIES

- Clean-up performance: eliminates deposits from injectors and intake valves restoring engine performance
- Keep clean performance: keeps the fuel system clean and lubricated
- Lowers fuel consumption and polluting emissions
- Protects the fuel system from rust and corrosion
- Contains stabilizer: inhibits fuel aging
- Contains Friction Modifier: improves lubrication and helps control engine wear

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DIRECTIONS FOR USE

A 250 ml package treats about 50-60 liters of gasoline.
For better mixing with the fuel, it is recommended to pour the additive into the tank just before refueling.

RECOMMENDED USE

To protect the fuel system from the accumulation of deposits and keep it efficient over time, carry out a treatment every 2 – 3 tanks of fuel or at least every 4.000 – 5.000 km. To carry out a complete cleaning, especially in case of persistent deposits and/or decline in engine performance, it is possible to carry out two consecutive treatments without contraindications.

STORAGE

Store in original closed packaging, store indoors, away from moisture, from direct exposure to sunlight and weather. Avoid continuous and excessive temperature changes.

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