

Fuel Additive: MPM Complete Petrol System Cleaner: a must have



Summary:

Modern (turbo-charged) gasoline engines are increasingly equipped with a direct fuel injection system. The injectors of these systems are very sensitive to contamination when using today's modern fuels, with all the associated consequences. The use of MPM Complete Petrol System Cleaner is a simple and very effective way to remove and prevent contamination and corrosion in the fuel system and thus avoid malfunctions and damage.

Tips for the workshop:

- Contaminated injectors can be the cause of all kinds of malfunctions, such as poor idling or starting, increased emissions, increased fuel consumption and loss of power.
- Sub-optimal fuel injection may cause 'LSPI'.
- Severe engine damage, such as damage to the pistons, may be the result of LSPI caused by contamination on the injectors.
- Poorly functioning catalytic converters may be due to poorly functioning injectors.
- Engines with a 'start-stop' system are particularly susceptible to accelerated contamination of the injectors.
- To prevent damage or malfunction, add MPM Complete Petrol System Cleaner to the fuel during each service.
- Advise the customer to use MPM Complete Petrol System Cleaner after every 2,000 km by adding it to the fuel, preferably immediately before refuelling.

However, these high-quality fuel injection systems are sensitive to contamination, which can cause malfunctions and damage. The fuel injectors of a modern gasoline engine have tiny injection openings and are located directly in the combustion chamber. Here, these injectors are exposed to very high temperatures and pressures. When an engine is switched off, there is always some fuel left in the injectors. These fuel residues are "charred" by the remaining heat around the combustion chamber, leaving a tiny amount of dirt on the injector. This process is repeated with every engine start and stop. This very gradual contamination clogs the tiny injection openings of the injectors and creates an irregular fuel injection pattern.

What does MPM Complete Petrol System Cleaner do?

Modern (turbo-charged) gasoline engines are increasingly equipped with a direct fuel injection system. Such a system provides power while simultaneously meeting increasingly stringent environmental requirements.



It is this irregularity in fuel injection that causes malfunctions or damage such as no idling, poorer starting, increased fuel consumption, loss of power and even the highly undesirable effect called LSPI.



Piston damaged by LSPI

The build-up of dirt is repeated each time the engine is switched off. And, in modern cars with a stop-start system, this is very often!

A similar process occurs in indirectly injected gasoline engines, but here it is mainly the inlet valves that are contaminated. Over time, this contamination will also cause malfunctions because it prevents optimal combustion.

Adding MPM Complete Petrol System Cleaner to the fuel cleans the contaminated injectors or inlet valves. The cleaning effect occurs when the treatment comes into contact with the injector or inlet valve, but its presence also ensures that these parts remain clean. The big advantage is that, when the engine is switched off, the existing cleaner continuously and immediately ensures that the injector or valve stays clean.

Besides cleaning and keeping the injectors and/or inlet valves clean, the use of MPM Complete Petrol System Cleaner also prevents corrosion in the fuel system.

Protection against corrosion

MPM Complete Petrol System Cleaner also contains what is called a 'corrosion inhibitor'. This component protects metal parts against corrosion by forming a protective layer between the metals and the fuel. This protective layer against corrosion offers an enormous advantage, especially when using modern E10 fuel, which unfortunately increases corrosion of various metals.

Product properties:

- Removes contamination from fuel injectors and/or inlet valves as well as the combustion chamber and keeps them clean.
- Ensures power recovery
- Reduces fuel consumption
- Helps prevent LSPI
- Helps prevent corrosion of fuel system
- Prevents irregular running of the engine
- Reduces harmful emissions

MPM Complete Petrol System Cleaner can be used in all 4-stroke gasoline engines in cars, motorcycles, boats, and garden and park machines with or without a catalytic converter. Dosage: 1x 250 ml for cars with a fuel tank capacity of 40-60 liters. Add to the fuel during every service in the workshop and once every 2,000 km by the customer. Preferably, pour into the fuel tank immediately before refueling.



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