

# **Concentrated Fuel Injector Cleaner**

A highly concentrated fuel cleaner for fast and effective cleaning of fuel injection systems. Concentrated Fuel Injector Cleaner ensures that engines will again deliver maximum performance with minimal emissions.

### The problem

The increasingly strict environmental requirements for exhaust gases from petrol engines often require that a fuel system must first be cleaned in order to meet the heavy MOT requirements.

#### One treatment already provides the following improvements:

- Cleaning and protection of the complete injection system (injectors, valves, pump, pipes, etc.)
- Increases the octane number of the gasoline and promotes acceleration of the engine.
- Prevents the injectors and pump from jamming by removing water (condensation) from the petrol.
- Reduces petrol consumption thanks to its anti-friction properties.
- Reduces the noise of the engine thanks to its lubrication properties.
- Reduces exhaust smoke and simplifies engine reset in accordance with emission requirements.

Main causes of problems with gasoline injection systems are moisture, dirt, gum and varnish. As a result, the injectors become clogged and this causes an irregular supply of petrol. This also means that the engine starts more difficult, runs irregularly and consumes more fuel. The nozzle opening in a modern gasoline-injected engine is thinner than a hair. It is therefore no wonder that the main car manufacturers are reporting an increasing number of cases where the injection is clogged.

Moisture in the fuel is another annoying problem, which can be dangerous in systems with fuel injections. Even a little water, created by moisture condensation, can cause the filter to become clogged. But also ice formation in the fuel line and corrosion of the atomizer needles can be consequences of too much moisture in the fuel.

Numerous studies have shown that the condition of the system to supply fuel to the engine has an important effect on fuel economy and engine performance. Dirty or poorly maintained systems require more fuel. Poor engine operation, increased maintenance and excessively frequent out-of-service operation of the car is the result.

#### How it works

**Bardahl Concentrated Fuel Injector Cleaner** contains a mixture of solvents and ash-free cleaning agents that cleans the atomizers and other parts of the fuel system. It cleans the fuel lines, the pump, the injection needles, the valves and the combustion chamber. This avoids excessive petrol consumption, facilitates cold start and restores engine power. Emissions of harmful gases (HC, CO and Nox) are also reduced.

Water solvents in the **Bardahl Concentrated Fuel Injector Cleaner** ensure that small amounts of water contained in fuel are absorbed and burned with it, thus preventing ice formation in the fuel line and minimizing water accumulation in fuel tanks.

Extensive tests with various car brands have shown that **Bardahl Concentrated Fuel Injector Cleaner** effectively combats dirt deposits on the atomizers, inlet valves and in the fuel channels. It cleans the entire fuel system, removes the moisture, dissolves the various precipitations and prevents new contaminants from forming.

# **PRODUCT INFORMATION**



## Manual

Pour the contents of this can into petrol, drive a bit and fill up your petrol tank. Recommendation: repeat the treatment every time and in any case for a general periodic inspection. 20 liter5.000 km. This fuel cleaner is mixable with any type of petrol and is harmless to the catalyst.

Article number 1198B Content 500 ml