

**DESCRIPTION:****Liquid Intelligents 210 Petrol Fuel Injector Cleaner Additive**

When added to a tankful of petrol, Liquid Intelligents 210 Concentrate Fuel System Cleaner, with its synthetic formula, provides a burst of cleaning power that removes deposits from fuel injectors, carburetors, ports, valves and combustion chambers. It works in one tank full while you drive.

The Problem

Petrol, sold in the Australian market, is generally formulated using the minimum additive levels required. When you use these gasolines, carbon deposits will build up and gradually rob your engine of its power, performance and fuel efficiency.

Fuel Injector deposits can impact fuel flow, upsetting the air/fuel mixture. You experience hesitation or stumble during acceleration, even loss of power, increased emission of hydrocarbons and carbon monoxide.

Intake Valve deposits can absorb fuel during engine warm-up, leaning out the air/fuel mixture, and leading to poor driveability, even loss of power and increased emissions.

Combustion Chamber deposits can lead to auto-ignition of the air/fuel mixture, which causes knocking, pinging, run-on, poor acceleration, and increased emissions of nitrogen oxides.

APPLICATION

One treatment with Liquid Intelligents 210 Concentrate will:

- Restore lost power and performance while you drive.
- Reduce deposit build-up to help reduce exhaust emissions.
- 500mls. - Treats up to 100litres of fuel and is designed for larger cars, light-duty trucks and utility vehicles.
- 250mls Treats up to 50litres of fuel and is designed for cars and smaller trucks.

Fuel Injector Deposits

Deposits that form in fuel injectors can restrict fuel flow and distort the spray pattern. This upsets the fuel-air ratio in individual cylinders since deposits do not form uniformly. When the air-fuel mixture in the engine cylinders becomes imbalanced, the oxygen sensor, which only responds to the average of all the cylinders, tries to correct the situation, but usually makes it worse. The result is a degrading of driveability as exhibited by rough idle, hesitation, and stumbling, a decrease in power, a reduction in fuel economy, and an increase in unburned hydrocarbons and carbon monoxide emissions.

Intake Valve Deposits

The formation of deposits on the tulip area of intake valves also can be detrimental. Under cold start conditions; the porous deposits can absorb enough fuel to cause first lean and then rich air-fuel mixtures, which can degrade driveability. Intake valve deposits can cause unburned

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hydrocarbons, carbon monoxide, and oxides of nitrogen exhaust emissions to increase. Further, if the deposits are very heavy, power at maximum throttle can be reduced because the deposits restrict the flow of the air-fuel mixture into the cylinders.

The use of an aftermarket concentrated deposit control additive to remove the critical deposits can help restore the performance of an engine and the control of its emissions to the level designed by the auto manufacturer.

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