



PRODUCT INFORMATION SHEET

WYNN'S Diesel Inject-A-Clean

Product Number:
53501 24 x 325 ml

WYNN'S DIESEL INJECT-A-CLEAN is a premium diesel fuel treatment for diesel engines including direct injection fuel systems, equipped with a common rail system or pump injectors.

Wynn's Diesel Inject-a-clean is a true multi-functional product that has been specifically formulated to provide many benefits and advantages to the industry with its unique features.

Introduction

Worldwide diesel fuel demand is projected to continue to grow and hence the need to convert a greater portion of crude oil to diesel fuel.

The new Design Rules for Vehicle Emissions have propelled Australia and New Zealand into the fast lane on adoption of new and future international diesel emission and fuel standards after years of lagging well behind the rest of the developed world.

Diesel fuel sulphur upper limits have been reduced from the previous 500ppm to 10ppm in 2009. As sulphur levels are decreased in diesel fuel through more severe refining techniques, the inherent lubricating properties of the fuel decrease. Diesel engine components are now not receiving the same level of lubrication, making it harder for the engine to work efficiently and increasing wear on moving parts.

Furthermore, due to tight supply situation, the quality of diesel fuel from local garages is not always guaranteed.

When water/condensation contaminates the diesel fuel, the water sits on the bottom of the tank. The layer formed between them creates an environment that promotes the growth of microorganisms commonly known as 'diesel bug'. When this happens the diesel bugs then enter the fuel lines and clog up filters and injectors thus restricting the supply of diesel. The diesel bug problem has been heightened by the introduction of higher fuel temperatures, especially in high pressure diesel fuel systems where heated fuel is returned to the fuel tank.

Symptoms:

- Increased fuel consumption
- Loss of power
- Poor acceleration
- Hard starting



- Irregular idle
- Higher exhaust emissions
- EGR system failure warning
- Corroded fuel filter parts
- Clogged fuel filter

Solution:

Wynn's Diesel Inject-A-Clean and Biocide for high pressure / common rail systems has been developed using the latest cleaning and lubricating technology while still being compatible with traditional diesel systems. As Wynn's Diesel Inject-A-Clean mixes with the diesel and moves through the fuel system, **detergents** quickly and safely remove the deposits and the dispersants hold the microscopic deposits in suspension to be removed via the combustion chamber. It cleans the injectors and contains a deposit control additive to help prevent the formation of new deposits on the injectors.

The **biocide** is designed to kill all unwanted microorganisms and stop the exponential growth of the diesel bug. Wynn's Diesel Inject-A-Clean and biocide for high pressure and common rail systems will clean your complete fuel system from the diesel tank through to the exhaust

Wynn's Diesel Inject-a-clean can be incorporated to enhance **the wear protection** of fuel system components, particularly injector pumps.

In addition, Wynn's Diesel Inject-a-clean contains a **Cetane Improver** which works like an Octane Boost in a petrol/gasoline fuel. The function of the Cetane Improver is to reduce the time lag between the start of injection and start of combustion (ignition) of the fuel. This is particularly effective for higher speed diesel engines (which modern days passenger diesel cars are), producing a higher horsepower output.

Benefits

Wynn's Professional Formula Diesel Inject-A-Clean cleans and protects high-pressure/common rail systems against excessive fouling, wear and water contamination damage.

- Cleans injectors
- Restores and maintains ideal injector spray pattern
- Does not emulsify water and diesel fuel
- Improves acceleration
- Improves fuel consumption



- Compensates for lack of lubricity in low sulphur fuels
- Reduces exhaust emissions
- Restores stable idle and acceleration
- Provides optimal power, torque
- Safe to use with oxygen sensors, catalytic converters and particulate filters
- Prevent infestation of microorganisms in the fuel.

Directions of use

Wynn's Diesel Inject-A-clean is suitable for use in all grades of automotive diesel fuels.

Add to the diesel tank. One bottle of 325ml treats 80 litres of diesel.

Repeat the treatment every 10,000 km.

In severe cases such as frequent short drives, city traffic, traffic jams, high speeds or mountain driving, more frequent treatment is recommended.

Typical Characteristics

Appearance	Clear Liquid
Colour (visual)	Amber
Density @ 15°C	0.820
Flash Point (°C)	63
Volatiles (% Vol)	85.0
Freeze Point (°C)	-44
Metal Content	None
Chlorine Content	Nil