



Product and Technical Data – FUEL DOCTOR

Description

Fuel doctor is a Fuel System Cleaner – Conditioner - Stabiliser.

Initially formulated in 1994 to assist in the cleaning of inaccessible underground fuel storage tanks by parent company Fuel Doctors Australia Pty Ltd.

Fuel Doctor is a blend of oxygenated solvents and emulsifiers, formulated to disperse and protect against the accumulation of aerobic fungi growths and sulphate reducing bacteria in all hydrocarbon fuels and storage systems.

Fuel Doctor converts accumulated moisture (condensation) fungal growths and their excreta into microscopic particles whilst dissolving gums, varnish and asphaltenes.

These contaminants are permanently suspended in the host fuel allowing harmless passage through injection to combustion and exhaust with zero detrimental effects to high pressure common rail injection systems, oxygen sensors or diesel particulate filters.

Fuel Doctor's state of the art formulation has detergent and viscosity characteristics that improve lubricity, extending pump and injector life.

Composed of Carbon, Oxygen and Hydrogen Fuel Doctor cannot contribute to airborne pollution and is Ad-blue compatible.

Oxygenated molecules within Fuel Doctor promote and increase thermal efficiency whilst minimising carbon, soot accumulation and particulate emissions.

Increased filter, pump and injector life with enhanced power and economy are the immediate benefits from the use of Fuel Doctor.

Application

For use in all fuel storage, delivery systems and vehicle fuel tanks.

Suitable for all grades of petrol, diesel and high-octane racing fuels.

Fuel Doctor will stabilise fuel quality for up to 24 months for petrol and 60 months for diesel.

Generic application instructions are package specific, however for system specific application or industrial - marine applications, call Fuel Doctors technical help line on 1800 675 077 prior to purchase and application.

How to use

Where practical (best results), drain or pump free water and sludge from tank bottom prior to applying Fuel Doctor.

Always administer Fuel Doctor to the tank immediately prior to re-filling to tanks maximum capacity.

The lower the tank volume is prior to applying Fuel Doctor combined with the maximum tank volume of fresh fuel the more effective the dispersion and eradication of contaminants will be.

Application suits. Diesel and Biodiesel all grades of petrol's including ethanol-based petrol's and racing fuels.	Initial Fill (mL/100L fuel)	Subsequent Fills (mL/100L fuel)	Maintenance Fills (mL/1L fuel)
Trucks, Buses, Cars	1000	2 nd 500, 3 rd 250	1
Earthmoving - Agricultural	1000	2 nd 500, 3 rd 250	1
Marine	1000	2 nd 500, 3 rd 250	1
Small engines -motor bikes, lawn care equipment etc	10ml/L of tank capacity	x 3 applications	1

****for specific application advise please call 1800 675 077***

Product Compatibility

Fuel Doctor will have zero detrimental effect to oxygen sensors, diesel particulate filters or catalytic converters, O-rings, carburettor internal rubbers or gaskets, high pressure common rail diesel or petrol injectors or injection components.

Customer Benefits

- Cleans and prevents gums, varnish and asphaltene build up.
- Disperse moisture and microbial material.
- Cleans and lubricates fuel pumps and injectors.
- Eliminate injector-valve face carbon deposits and particle build up.
- Minimises EGR soot deposits
- Improves the delivery and combustion of fuel decreasing exhaust emissions, improving economy.
- Stabilises all stored fuel from twenty-four to sixty months
- Maintenance application removes and neutralises delivered contaminants and combustion contaminants on a continuous basis whilst inhibiting microbial growth and maintaining lubricity for optimum component life and fuel economy.

Technical Data

Density (kg/L)	Flash Point Closed Cup (°C)	Boiling Point (°C)	pH
0.94	>125	>250	6-8

Health and safety & Environment

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; **NON-DANGEROUS GOODS**.

This product is classified as hazardous according to Safe Work Australia; **HAZARDOUS SUBSTANCE**.

Hazard Statement(s):

Causes serious eye damage. Toxic to aquatic life.



Fuel Doctors Technical help line **1800 675 077**