

PRODUCT PRESENTATION



Australian made and owned product, exported around the globe.

Presentation

What is Fuel Conditioner Concentrate (FCC)? What does it do? How does it do it? Warnings for Bio fuel Our competitors Typical results Case Study FCC sizes Who uses it? How much does it cost?







What is FCC?

FCC is a non-hydrocarbon, non-toxic, non-flammable formula proudly made in Australia.

FCC absorbs the water present in fuel, enabling it to pass through the combustion process in a pure combustible state.

FCC dissolves sticky contaminants (waxes, gums & varnishes) from injectors and carburettors and helps remove carbon deposits.

FCC helps to negate the sulphur found in fuel and non ULSD Diesel to reduce toxic emissions.







What does it do?

Removes waxes and residue from all fuels Removes water from fuel Kills "The Bug" Reduces maintenance costs and downtime Contains rust inhibitors and improves lubricity Treats high sulphur fuel to reduce emissions Improves "freezing point" for all fuel Treats all diesel, ULSD, gasoline, E85 and biofuel



Increases fuel storage life Improves engine efficiency Reduces fuel bills









What does it do – removes water?







THE EFFECTS OF NOT TREATING FUEL IN WATER

"THE BUG"













Thinking of using Bio Fuel?

Manufacturers claim that higher blends raise significant issues involving engine performance, efficiency, emissions and warranties. While warranties generally cover materials and workmanship, and are not related to fuel per se (which is the responsibility of the fuel supplier), engine and vehicle manufacturers have taken the above position regarding biodiesel blends. Volvo permits only 4 % whereas Mitsubishi Australia and Mazda Australia both consider the use of any biodiesel to void the warranty. It is reported that biodiesel may be sold in Australia in blends as high as B26, while still meeting the current Petroleum Diesel Standard. As such, a situation may arise under current arrangements where fuel meeting the petroleum diesel standard becomes the subject of a dispute regarding compliance with a vehicle manufacturer's warranty requirements

CSIRO Biofuels in Australia









Warning for Bio Fuel

The problems could include engine overheating, fuel line ruptures, a breakdown of rubber pieces in engines, expensive repairs and engine failure not covered by warranty.

"Ethanol has proved to be a corrosive and problematic fuel additive, and we are keen to share the 'Look Before You Pump' warning with our customers," *Ken Goodgame, chief merchandising officer with True Value Co*









What does FCC do?

Unlike competitor products, FCC works on all engines and all fuel types

Generators & Power Plants Plant & Equipment Cars & Trucks Boats & Ships

FCC IS NON TOXIC AND NON HAZARDOUS









How does it kill the bug?

By absorbing the water contained in most modern fuels (especially in regional areas) you destroy the home for Fuel Bug.

Fuel Bug destroys your equipment's fuel system, increases emissions and makes your equipment less efficient.

Water doesn't burn, so any water in your fuel not only harbors bug, but it also decreases your equipment's life.



Water also reduces fuels storage life.









Our Competitors Products cost 6c to 47c per treated litre

"Harmful if swallowed" "Contains chemicals known to cause cancer" "Avoid skin and eye contact" "Do not breathe mist or vapors" "Use in well ventilated areas" "Keep away from heat, sparks and open flames" "Keep out of reach of children" **Causes breathing difficulties - PPE required** Harmful to fuel system











Fuel Conditioner Concentrate Cost when purchased in bulk is less than <u>one</u> cent per treated litre



Non toxic No hydrocarbons **Bio degradable** Non corrosive Friendly to fuel system **pH** Neutral **Environmentally friendly ingredients** Cannot be overdosed









Typical Results

In controlled tests FCC has delivered savings of 16% fuel savings on prime overs, 4% on diesel powered generators, 5% on large diesel mining equipment and 6.5% brand new diesel powered buses.

In addition to the fuel savings, FCC reduced NOx emission's by 40% in independent tests conducted by BARRICK at the Darlot mine in Western Australia.









Case Study Prepcoater 6500



Symptoms included poor running and idle







Primary fuel filter clogged with paraffin wax residue





Implications if left untreated - continued increased emission's, decreased efficiency - fuel system failure (fuel pump, injectors) - direct impact on quality











Sample of paraffin removed from Prepcoater filter









2 tubes containing standard diesel











Equal amounts of paraffin is added to each









A few drops of FCC is added to the right sample











Mixture is lightly shaken. After 1 minute - Non FCC sample has left residue along walls of vessel, minimal effect - FCC sample show's almost completely dissolved, "Fuel Bug" (black spots) held in suspension











After 3 minute's - Non FCC sample has mass build up of paraffin at base - FCC sample shows complete dilution, "Fuel Bug" still held in suspension











You can buy FCC in the following sizes

250ml Bottle 1 litre Bottle 5 litre Jerry Can 20 litre Drum 200 litre Barrel 1000 litre IBC







Who uses it?























Competitors



Australian Cost and Comparison Chart

Tott constitution		Works in										
						Injector	Anti		Boost	Water		Price per treated
Name	Company	Eco	Diesel	Gas	Avgas	Cleaner	freeze	Lubricate	Octane	Suspension	Concentrate	LITRE
FCC	Choice Chem	Х	Х	Х	Х	Х	Х	Х	Х	Х	х	\$0.0200
Injector Cleaner	STP			х		Х			Х			\$0.0381
Octane Booster	STP			Х		х			Х			\$0.0951
Gas treatment	STP			х		Х	Х		Х	х		\$0.0667
Ultra 5 in 1	STP			х		Х		х	Х			\$0.0757
Diesel Power	Chemtech		Х			Х	Х		Х	x		\$0.0333
Enzyme Fuel Treatment	Startron			х		Х	Х		Х	х		\$0.0876
Performance Formula	Stanadyne			х		Х	Х	х	Х	х		\$0.0352
Diesel Fuel Catalyst	Red Line		Х			Х	Х	Х	Х	Х	Х	\$0.0344

These prices are RRP.

FCC is more cost effective than all major competitors products. No product on the market provides the benefits that FCC delivers.







How much does it cost?

For bulk purchases it works out at less than 1c per litre to treat your fuel.

Based on a 5% fuel saving alone you can save up to 7.5c a litre.

Then add your savings through reduced handling, maintenance, down time and parts!





