# Fuel Saver





## What is Fuel Saver?

Simply stated, Fuel Saver gives you More Miles with Less Fuel. Fuel Saver is different from any other fuel product you have been searching for to get your engine driving you farther and running cleaner. Fuel Saver reduces your fuel costs by improving fuel economy from 10% to 15%. Fuel Saver releases more energy from your fuel, resulting in more power and better mileage. It also burns the carbons that would normally cause carbon deposit build-up, therefore extending both your oil and engine life. Proven in over 100 million miles of service, Fuel Saver improves fuel economy, reduces emissions, extends oil life and reduces engine wear.

# Why Fuel Saver?

**Proven Performance** - Over 100 million miles of usage has proven Fuel Saver to be safe and effective.

**Effective** - We tested over 1,000 products and found that Fuel Saver proved to be the best. It could not be beaten. As a matter of fact, Fuel Saver is the only fuel product that met all of our performance and safety requirements.

**Removes CCD's** - Combustion Chamber Deposits (CCD's) absorb oxygen, increase combustion temperatures and are comprised of the "wear particles" that scuff cylinder sleeves. Free up that oxygen and the chamber burns fuel like new. Remove the wear particle and the engine lasts longer.

**Safe** - Fuel Saver is non hazardous and non corrosive. Fuel Saver is safe in all recommended applications

**Meets All Fuel Specifications** - Because Fuel Saver only contains approved fuel components, Fuel Saver-treated fuel meets all manufacturer and regulatory fuel specifications.

**Eliminates Diesel Smoking** - Normally, visible diesel smoke is caused by partially clogged fuel injectors that drip fuel into the chamber instead of atomizing it. The dripped fuel doesn't burn well resulting in black smoke. With Fuel Saver's ability to keep your engine running clean, you'll never have to worry about clogged fuel injectors!

**Easy on the Cylinders** - By reducing carbon particles, the "wear particle" responsible for the majority of engine wear, is also reduced. Oil stays cleaner from carbon soot and because fuel is more completely burned, oil dilution is reduced.

**Smoke Signals** - By design, diesel engines do not smoke. By removing the carbon deposits clogging the injector nozzles, diesel smoke is essentially eliminated without the use of detergents or solvents which wash useable, but unburned fuel away.

## How does Fuel Saver Work?

At the heart of Fuel Saver's ability to increase fuel economy 10% to 15% is its more efficient and complete fuel burn. The result is increased energy release and a longer, more powerful expansion in the combustion chamber.

In the combustion process, most of the fuel is burned. Any unburned residual needs to be exhausted or "washed out", which is presently accomplished with detergents, or in the case of severe clogging, through the use of injector cleaners. However, these solutions are miles behind the effectiveness of Fuel Saver. Fuel Saver's Unique Approach: Simply Better

**Fuel Saver takes a unique approach.** When mixed into petrol, diesel and heavy fuel oils, Fuel Saver actually causes much more of the fuel to be burned. By burning more fuel, more energy is released therefore reducing the amount of fuel required to perform the same amount of work. In addition, fewer emissions are left uncombusted and fewer contaminants work their way into the oil.

Save petrol by using Fuel Saver. Fuel Saver burns so much of the fuel that instead of adding carbon deposits (primarily unburned asphaltine molecules) to the surfaces of the combustion chamber, deposits are radically reduced.

The combustion process is comprised of severe changes in heat and pressure. These changes actually buffet the existing carbon deposits and as they lose adhesion, they are gradually eroded away. Absent of the deposits, more oxygen is freed up for the combustion process and heat is reduced. At this stage, not only is your engine is cleaner, you're travelling farther and extending the life of your vehicle. The removal of Combustion Chamber Deposits (CCD's) in this way makes Fuel Saver different from many other products.

After the combustion chamber is cleaned up, increased power and more efficient use of fuel reduces the amount of fuel required to perform the same amount of work. The incredible result is better fuel economy!

Fuel Saver is sold under many different brands throughout the world, including; Fuel Saver, UCL, CleanBurn Injector Cleaner, Dipetane, and Upper Cylinder Lubricant.

## Benefits of using Fuel Saver

- Extends engine life
- Fuel Saver mixes readily with fuel
- Fuel Saver treated fuels burn cooler, reducing nitrous oxide
- Fuel Saver has a longer stable life than diesel or petrol fuels
- Improves biodiesel fuels
- Reduces pour point to -34°C

- Increase fuel economy by 10-15%
- Meets or exceeds all fuel specifications
- Fuel Saver is a 100% hydrocarbon product
- Cleans the fuel injectors and keeps them clean
- Lubricates fuel injection pump
- Cleans tanks and supply lines of sludge and heavy deposits
- Burns away carbon deposits from the combustion chamber

# Frequently Asked Questions

What fuels can Fuel Saver be used with?
Fuel Saver can be used with Petrol, Diesel, LPG, LNG, CNG, heating oil, kerosine and heavy fuels.

What is the mixing ratio for mixing in fuel? Fuel Saver is used at a treat rate of 1-200

# What are the net savings I can expect using Fuel Saver?

Fuel Saver creates a cash saving of approx 8-12%

Will Fuel Saver affect my engine warranty? No, because Fuel Saver is a 100% hydrocarbon product it does not alter the original fuel specifications. Therefore all engine warranties are intact.

Yes, Fuel Saver is non-toxic and non hazardous. Its ignition flash point is 193 °C (closed cup test).

# Does Fuel Saver affect rubber parts in the fuel system?

Fuel Saver does in no way affect O-rings in the injectors or other rubber parts in the fuel system.

## Technical Information

#### Physical Properties of Fuel Saver

Boiling point: 300-450° C

Flashpoint (closed cap): 193°C Viscosity: 18.27 centistokes at 40°C

Density at 15°C: 0.8623 kg/L Pour Point Depression: -34°C

Fuel Saver conforms to all relevant standards.

### **Elemental Analysis**

Carbon 85.90% Hydrogen 14.10%

#### **Chemical Properties of Fuel Saver**

Copper corrosion: Classification 1

according to IP 154/84 Ash content: 0.02% w/w

Calorific value (gross): 19,660 BTU/LB

47,730 kJ/kg 10,927 Cal/g

## Local Manufacturer's



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