



# **FuelAid System**

**for Cars, Light trucks and Commercial  
Trucks, Buses  
& Heavy Equipment**

**Presented by**  
**Granfel Energy Conservation**

# Save Money, Increase Power and Decrease Harmful Emissions!



## FuelAid Systems

**“The Science of Fuel Conditioning”**

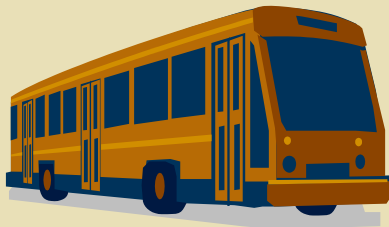
A technological break-through, resulting from almost three decades of research and development.

# Fuel Applications






cars • trucks • boats • trains • airplanes • homes  
• industry • furnaces

# All FuelAid Systems may be used with any engine that uses hydrocarbon fuel



-  Gasoline
-  Petrol
-  Diesel

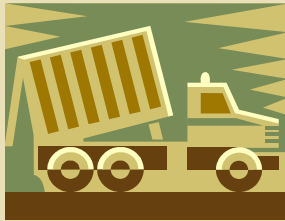
-  Liquid Propane Gas  
(LPG)
-  Bio-diesel
-  Ethanol

# The non invasive molecular optimization solution is called...

**'one of the finest innovations in engine performance and maintenance.'**

- ☞ Reduces harmful emissions & pollution
- ☞ Increases engine performance
- ☞ Increases combustion efficiency for cleaner burn
- ☞ Dissolves existing corrosion & scale build-up
- ☞ Reduces operating costs - *saves gas & money*
- ☞ Helps prevent costly repairs

**The result... Your engine is operating at *Top Efficiency***



# Benefits

- ☞ Fuel savings of 5 – 30% depending on condition of engine, air temperature, and your specific driving habits
- ☞ Increase in horsepower of 5 -15% with high octane performance using low [cost saving] octane fuel
- ☞ Less Emissions – 40-99% tested reduction of carbon monoxide, oxides of nitrogen and hydrocarbons
- ☞ Keeps oil cleaner - Engine burns the carbon so both engine and oil last much longer

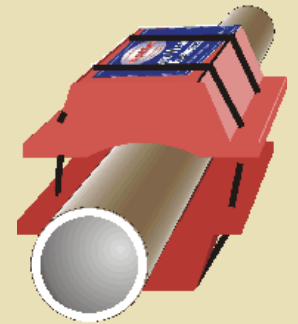


## More benefits...

- ⌚ Improved performance, easier starts, and faster running
- ⌚ Maintains cooling system efficiency
- ⌚ Stops scale build-up and corrosion in engine
- ⌚ Reduces wear on O<sub>2</sub> sensor and catalytic converter
- ⌚ Healthier air and less smog for your community
- ⌚ Suitable for gasoline or diesel applications

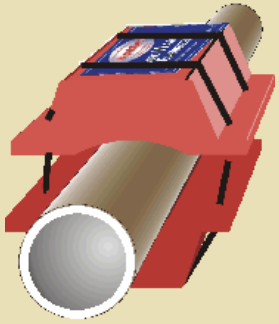
# Easy to Install

**Simply secure to proper line!**



- ☞ No moving parts
- ☞ Is easily placed on the fuel line, water hose, and air intake
- ☞ Installs in minutes with no cutting or tools required

# Break-Through Patented Monopole Technology



The non invasive molecular optimization technology is capable of delivering the proper magnetic field...

The dual mono pole technique of the Electromotive Force monopole technology has no canceling effect and offers the highest necessary flux density ("voltage") available.

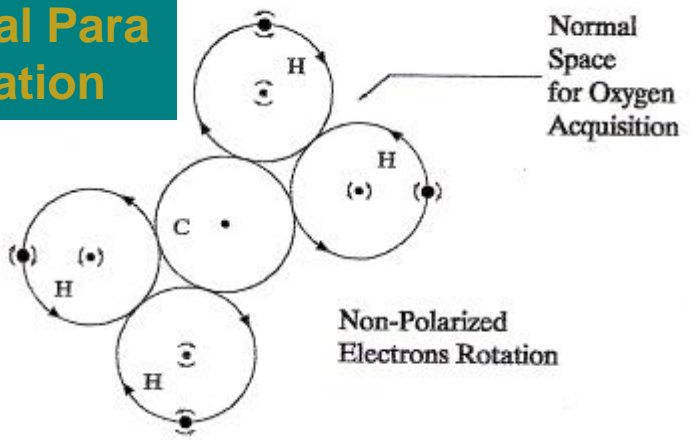
## **The result:**

Fluid is properly conditioned by the greatest concentration of power available.

# The Science of Fuel Conditioning

**This technology** excites the electrons in fuel which increases the oxygen bonding to the fuel molecule for greater oxidation capacity.

## Normal Para Rotation



The result is more available oxygen which increases oxidation and buffers pH. The energized fuel also lowers the surface tension and cuts friction, providing higher flow on less energy and (higher pump efficiency).

## Two distinct types of Hydrogen

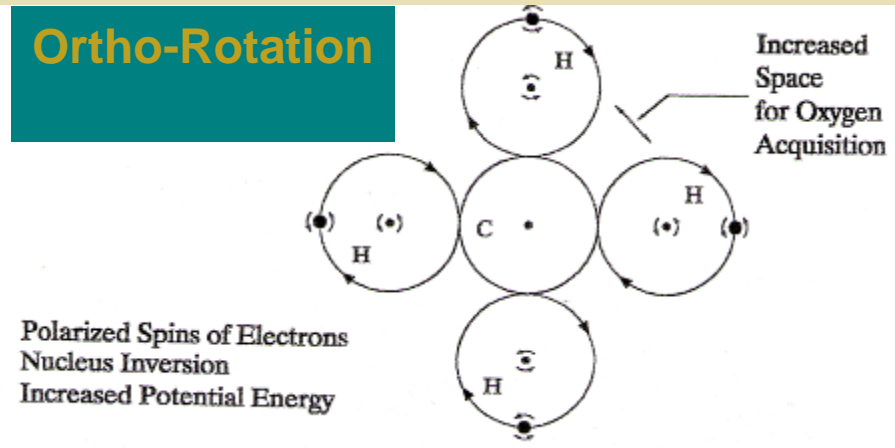


1) Para-Hydrogen

2) Ortho-Hydrogen

Energizing the fuel breaks up the naturally formed bonds and associations (the grapelike clusters of minerals). The separations allow more surface for oxygen bonding.

## Ortho-Rotation





# Transition Period

## ☞ After installation:

An immediate increase in power, fuel savings & emissions reduction.

## ☞ During Transition Period:

The system will transition into its final high fuel efficiency of increased savings, power, and a high reduction of emissions.

## ☞ After Transition Period:

The system always works once it stabilizes. It is a simple mechanism and law of physics that all fluids – going through a properly focused strong magnetic field – have to react.

# During Transition Period

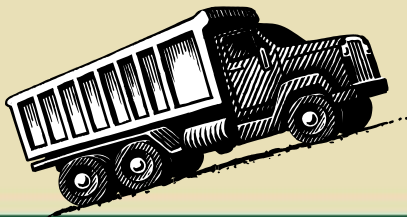
- ☞ **All fuel byproducts such as varnish and carbon deposits** in the fuel delivery system will be re-absorbed into the energized fuel. Deposits will be cleaned from lines, injectors or jets.
- ☞ **Fuel Line Saturation** – Fuel takes on a millivoltage charge which breaks up molecular clusters. This causes better burning.
- ☞ **Carbon Cleaning Period** – Carbon Monoxide emissions will immediately go down which means fuel efficiency has increased. Carbon is burned off in combustion chamber.
- ☞ **Compression Ring Seal** – Compression goes up which helps fuel efficiency and stops contaminating the oil – which is good for engine longevity.

# Diesel Transition - Millivoltage

☞ Since the millivoltage charge is less and there are larger steel lines and internal injectors, the big-rig trucks may take up to two months operation to transition

**Then the system comes on with its final, full increased efficiency.**

☞ Most operators have immediately observed greater power in going up hills generally in a higher gear after application. High dark emissions go clear as the FuelAid System starts working



# Tips



☞ **Oil:** The FuelAid System helps to de-carbonize and de-varnish the engine. This may require changing the oil a little sooner during the transition period depending upon the condition of engine and how much cleaning is completed. Please check oil and oil filter for changing as needed.

Once engine is cleaned, oil has shown to stay cleaner much longer and give peak performance and peak MPG.

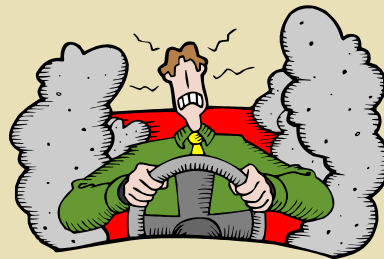
☞ **Coolant:** If engine water jacket has buildup accumulation, after a period of time, it should be flushed and the coolant changed. If temperature fluctuates or rises higher than normal, it will be NECESSARY to FLUSH the COOLING SYSTEM.

☞ **Air:** Fuel ratio needs to be watched. Should be monitored and adjusted accordingly. If engine performance goes down, it is an indication that the air filter must be replaced.

# Air Filter Must Be Clean!

If dirty, it must be replaced.

**Energized fuel requires a clean air filter** for complete flow-through, otherwise, the fuel will be oxygen starved and can reduce mileage and increase exhaust emissions.



**If after replacing the air filter, the mileage does not go up, there may be a vacuum leak or some other type of problem.**

*After Transition Period*

# Final Fuel Savings

- ☞ Smaller car/van type engines: **10-30%**
- ☞ Larger commercial engines: **5% - 30%**
- ☞ Huge industrial engines: **4% - 10%**

**Efficiency may vary with equipment, engine and individual driving habits.**

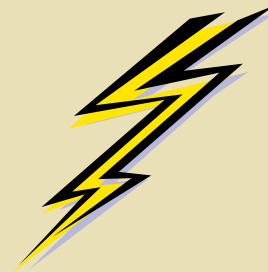
In exchange for a small amount of your mechanic's time...

You are **guaranteed** a lifetime of protection and savings.

Never needs replacing!



**Lifetime Warranty!**





# Testimonial

“We purchased FuelAid units to treat our school bus. This bus was getting an average of 7.81988 miles per US gallon, or 2.7682 kilometres per litre.

After installation of the FuelAid System, over the next four months, the gas mileage jumped to 8.82630 miles per US gallon or 3.12454 kilometres per litre. This represents a 13% savings on our fuel expenses for this vehicle.”

# Truck Fleet Testimonial

Prior to installation of the FuelAid System, the fleet average was 5.2 MPG and after a second full quarter of testing, the MPG average of the fleet increased to 6.94 MPG-US which is a 32.7% increase in MPG-US.

The fleet owner, LaMonica Fine Foods, highly recommends the FuelAid System to any trucking company interested in reducing fuel costs.

**Note: IFTA-100 filings confirms the fleet average is now up to 6.94 MPG-US.**

# FuelAid Brazil Truck Report 2010

**MOTOR - MD 366 - 1420**

**MERCEDES BENZ Year 2002- Mod.1420**

Name of Driver	License Plate	Fleet	KM before	Km current	Km driven	Avg. KM/LT	Avg R\$/KM	Date	Time	Liters	% Economy (savings)	Cost of fill-up	Fuel Price	Cost per liter	Based on avg. Km/mo	Monthly savings	Poluting Emissions	CETESB Standard
						3.60									5,000			
MARCOS	BTB 8142	2050	401,887	405,451	3,564	3.60	R\$ 0.48	01-Apr	0:00	989.3	0.00%	R\$ 1,711.49	R\$ 1.7300	R\$ 0.4806	R\$ 2,402.78	R\$ 0.00	1.01	1.17
MARCOS	BTB 8142	2050	405,850	409,708	3,858	4.23	R\$ 0.41	01-May	0:00	911.89	17.50%	R\$ 1,577.57	R\$ 1.7300	R\$ 0.4090	R\$ 2,044.92	R\$ 357.86		
MARCOS	BTB 8142	2050	409,708	415,832	6,124	4.36	R\$ 0.40	01-Jun	0:00	1,405.70	21.11%	R\$ 2,443.25	R\$ 1.7381	R\$ 0.3986	R\$ 1,993.24	R\$ 409.54	0.26	1.17
MARCOS	BTB 8142	2050	415,989	420,431	4,352	4.45	R\$ 0.39	01-Jul	0:00	977.30	23.61%	R\$ 1,690.73	R\$ 1.7300	R\$ 0.3888	R\$ 1,943.82	R\$ 458.96		
MARCOS	BTB 8142	2050	420,431	425,099	4,758	4.50	R\$ 0.39	01-Aug	0:00	1,057.10	25.00%	R\$ 1,837.35	R\$ 1.7381	R\$ 0.3862	R\$ 1,931.23	R\$ 471.55	0.21	1.10
																	80%	

**Explanation:** This is the test for one truck testing the Fuel Saver. Data from the first 12 columns was provided by the fleet. Data from the next 7 columns was calculated by Greenway. CETESB is the "EPA" of the state of Sao Paulo who monitored the emissions and will be providing us with an official report of the emissions reduction.

## Brazil Mercedes EPA Tested Truck Application Pictures



# Testimonial from a Truck Driver

“I drive a big-rig truck and have always had that black smoke coming out of the exhaust pipe. After installing the FuelAid System, I have *NO black smoke* – just a puff while shifting - amazing!”

**Commit yourself to *cleaning up*  
the environment while saving fuel costs!**

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