

Hydro-Techniques M.P.B. inc.

ENERGY DIVISION

Presents
OPTIMIZER
FOR DIESEL GENERATORS

UTILIZATION

- The goal of the electronic **OPTIMIZER** of **Hydro-Techniques MPB Inc.** is to increase the energy savings for diesel generators.

ENERGY SAVINGS WITH **OPTIMIZER**

An Innovative technology (patented)...

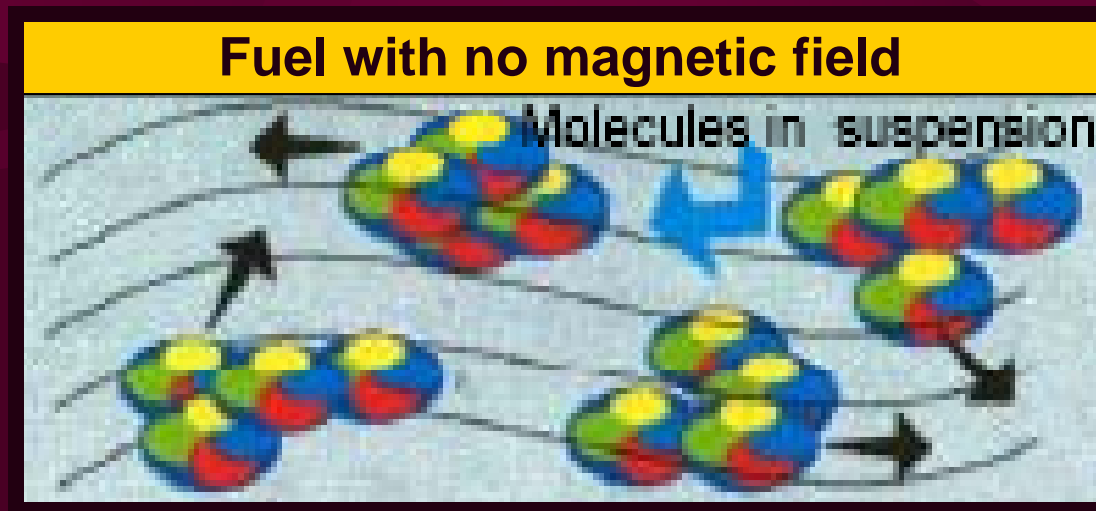
- **OPTIMIZER** is a product of the latest technology.
- It is an advanced design integrated circuit (digital electronics) electromagnetic field generator, which emits a vast spectrum of frequencies.



- The electronic circuitry changes in amplitude, polarity and frequency so that the fuel is fragmented. Also the same process eliminates the aggregation of molecules in the fuel.

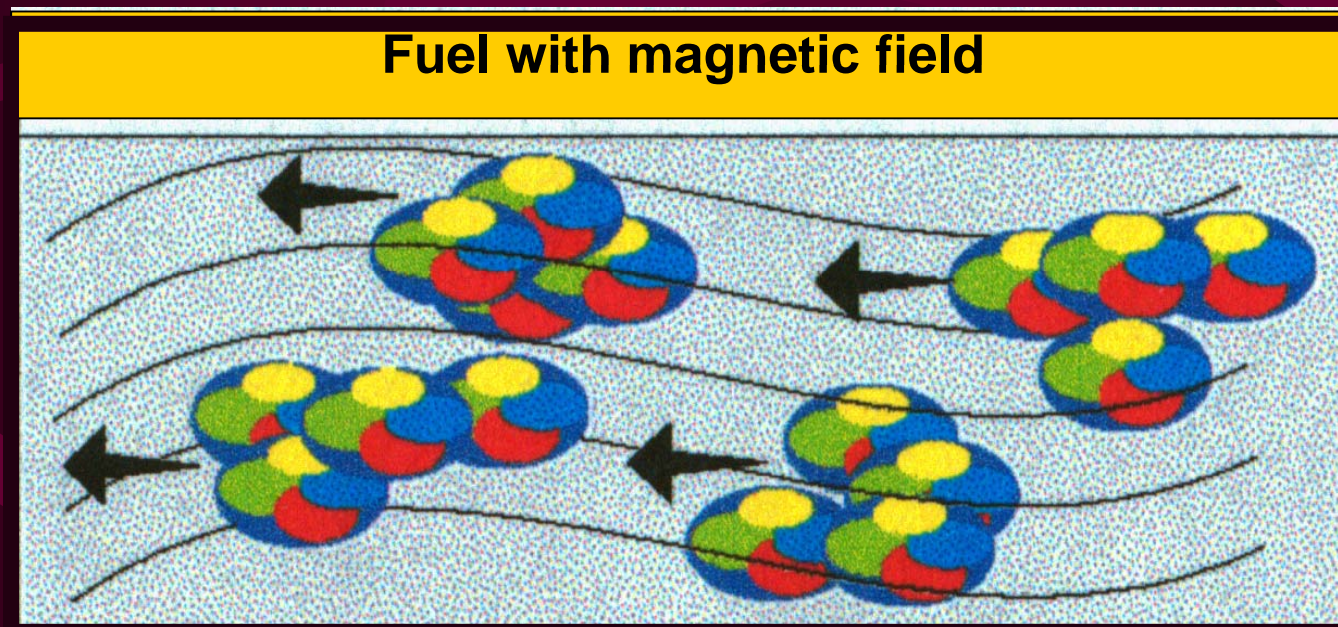
HOW OPTIMIZER WORKS

In the absence of a magnetic field the fuel circulates freely. Eventually the molecules will cluster, affecting performance and causing poor combustion.



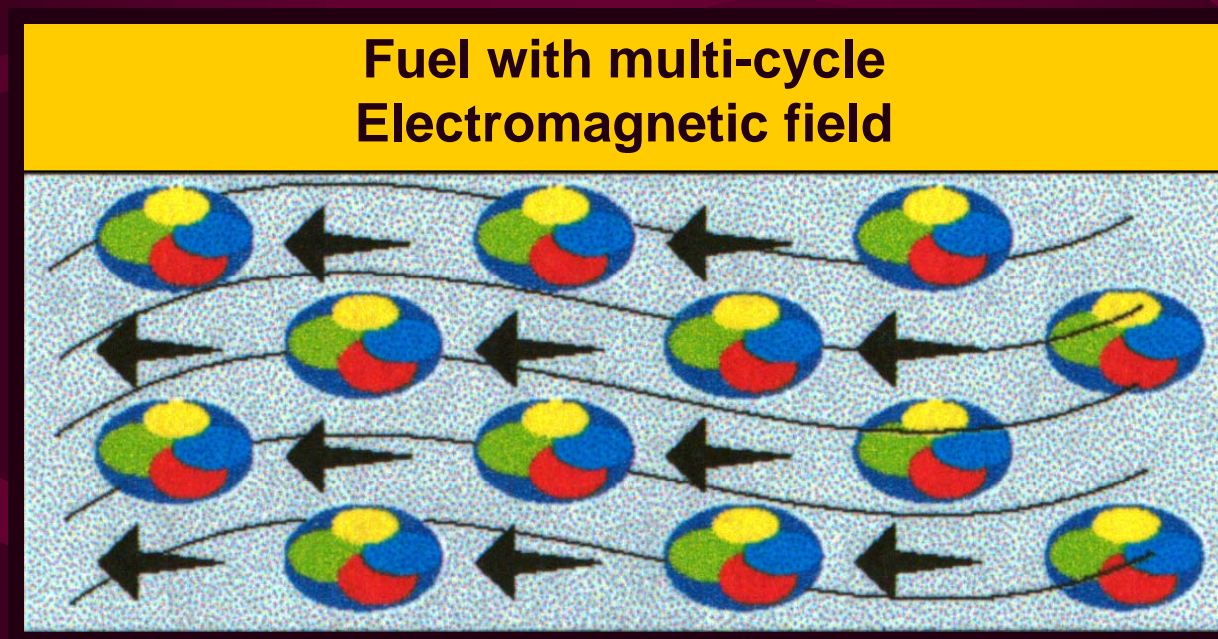
HOW OPTIMIZER WORKS

In the case of a uniform magnetic field the molecules will migrate in the same direction. The polarized magnetic field will not keep the molecules from sticking to each other.



HOW OPTIMIZER WORKS

OPTIMIZER, with its multi-frequency electromagnetic field is not limited to ideal conditions of flow rate. It breaks the attraction between the molecules and keeps them from sticking to each other. The size of the molecule clusters is greatly reduced and combustion is enhanced.



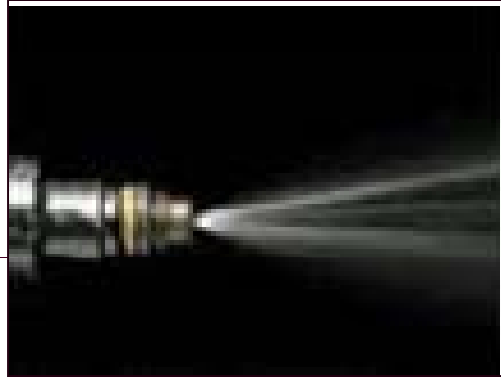
OPTIMIZER

- Increases fuel economy**
- Reduces emissions**
- Maintains injector, ring, and engine cleanliness**
- Removes tar, gum, and varnish deposits**
- Cleans intake valve deposits**
- Safe for all fuel and diesel motors**
- Biocide - Controls bacteria growth in fuel**
- Polymerization Retardant - Prevents formation of solids**
- Dispersant - Eliminates existing solids in the fuel**
- Reduces emissions CO, CO₂, NO_x, SO, SO₂, and HC**
- Non Hazardous - Can be transported anywhere in the world**

APPLICATIONS



Results

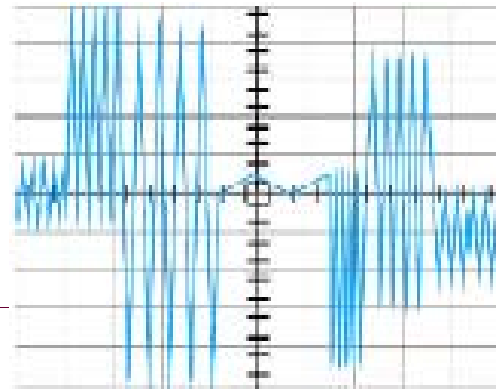
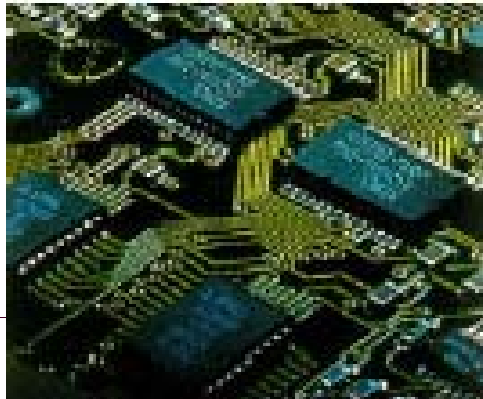


DIRTY INJECTOR



CLEAN Injector

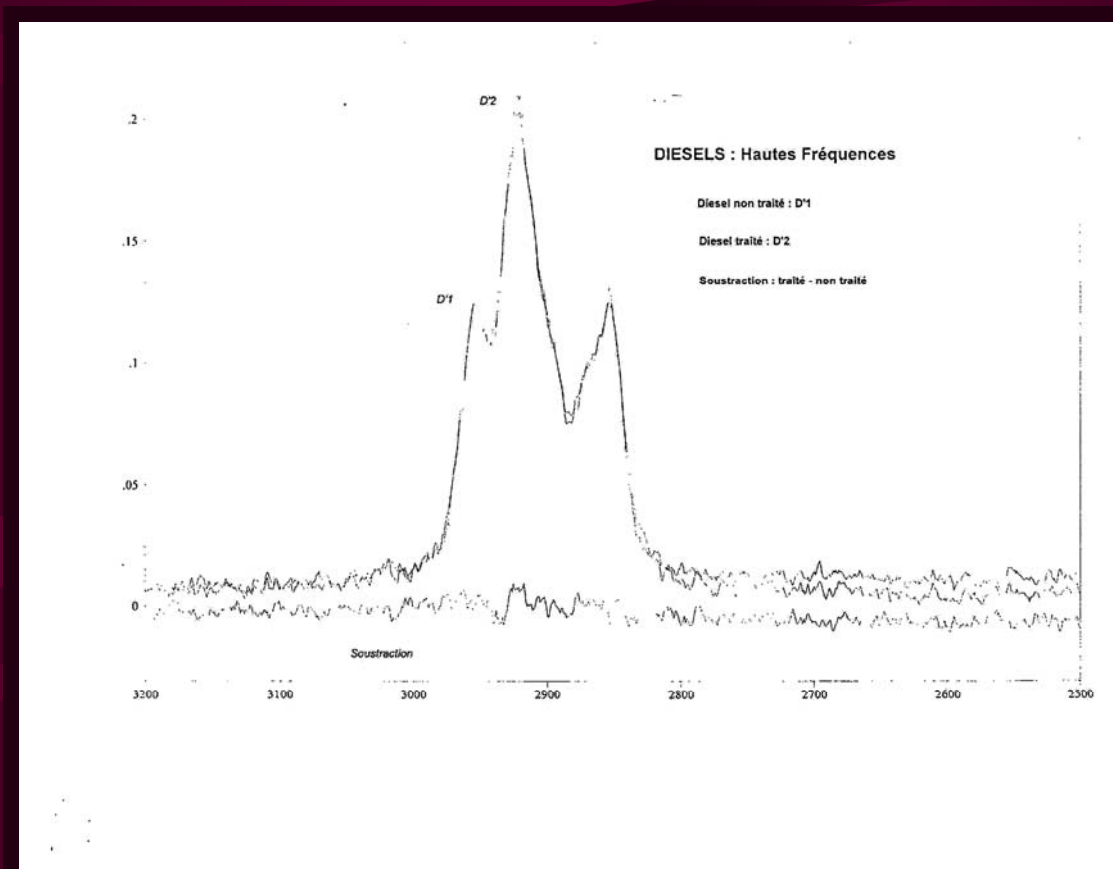
Technology



The “OPTIMIZER” technology is a micro-processor, which produces a variable electromagnetic field.

5 YEAR WARRANTY

LABORATORY TESTS



*Centre d'études
Des procédés chimiques
Du Québec*

Québec



Bruno Ponsard, B.Sc, Chimiste



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