

Cars Trucks Trains and Buses

Data Sheet

- More efficient burn of fuel
- Reduction of CO2 emissions
- No External power required
- Environmentally safe and user friendly
- Non-invasive installation
- Affordable, cost effective

The Magnetizer causes the naturally formed chemical associations (hydro-carbon clusters) to break apart into a single potentiated molecular state. This single charged molecular state burns more uniformly and completely (efficiently) because the fuel has become fully atomized and ionized with oxygen.



Magnetizer-charged fuel has a powerful, even burn resulting in superior combustion efficiency that saves fuel and energy costs. In addition, the increased combustion efficiency of Magnetizer dramatically reduce emissions (unburned fuel).

Benefits

- **The Magnetizer Fuel Conditioning System reduces the consumption of transportation and heating fuel**
- **Works on all types of fuel – gasoline, diesel, fuel oil, natural gas and LPG**
- **Dissolves carbon/varnish build-up in lines, injectors, valves, chambers**
- **Reduces paraffin in fuel lines and tanks**
- **Saves money, extends engine and system life while reducing maintenance**

Applications

- Automobiles
- Trucks
- Buses
- Tractors
- Heavy Equipment
- Motorcycles
- Trains
- Any internal combustion engine



Technical Principles

Magnetic fuel treatment is a non-linear phenomena, meaning that very specific magnetic intensities are required to optimally treat alkane (linear chain) fuel and aromatic (benzene ring) fuel. Designs requirements involve not only discrete magnetic intensities for fuel treatment, but also magnetic dwell time and magnetic permeability of the fuel conduit in order to obtain stoichiometric fuel combustion.

From a spectromagnetic analysis of the combustion of natural gas (methane) it has been determined that magnetic fields have the ability to increase the luminal intensity of the 360 nanometer ultraviolet spectra. This increase in spectral activity parallels an increase in combustion efficiency. Combustion efficiency, of course, is directly proportioned to reduction of emissions as well as reduction of fuel required to produce a desired combustion event.

Visit technical papers at magnetizer.com and browse to "Introduction to the Magnetic Treatment of Fuel" for more info.