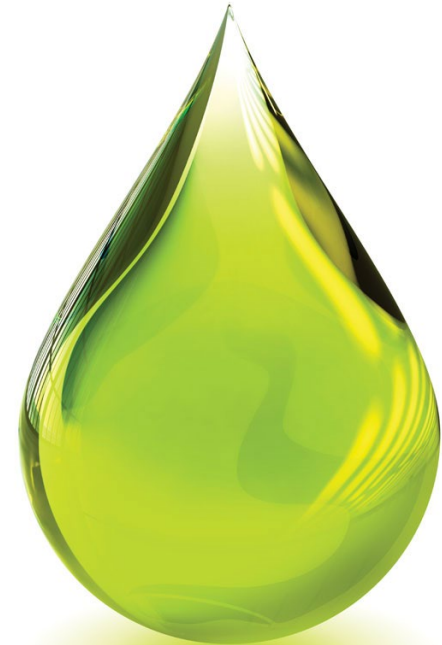


ADDIGREEN TECHNOLOGY

A Cleaner Fuel Alternative

Addigreen is an advanced fuel catalyst that enhances the performance of gasoline and diesel combustion engines. As a fuel additive, Addigreen improves performance of the engine through a cleaner and more thorough combustion process. As Addigreen improves overall engine efficiency, its ingredients lower friction on engine components, reducing wear and tear. With a more efficient combustion, the engine chamber performs a more complete burn, which results in improved fuel efficiency and a significant reduction of harmful pollutants.



addi**G**reen

GREEN TECHNOLOGY COMBUSTION



Green Technology for a Cleaner, Brighter Future

Addigreen is so much more than just a catalyst designed to improve engine performance and efficiency. It's a product created out of a motivation to improve the lives of everyday citizens by changing how we utilize existing fossil fuels, making them cleaner and more efficient, thereby reducing the quantity of fossil fuel energy consumed and the number of pollutants released into our environment.

Green energy production is slowly coming online, but our reliance on fossil fuels will not decline any time soon. We therefore need products and technology which bridge the gap between our current processes and future technology. With Addigreen, we use advanced Green Technology to help meet Ultra Low Sulfur Diesel (ULSD) requirements and reduce the harm today's fuels are doing to the environment. More efficient combustion engines use less fuel to accomplish the same tasks while significantly reducing the release of harmful hydrocarbons into the atmosphere, which helps to preserve and protect our precious planet for future generations.

Clean Engine Technology

- Addigreen is a liquid catalyst utilized in fossil fuel combustion engines to increase performance and efficiency, reduce friction, and lower harmful emissions. The catalyst is blended with a hydrocarbon fuel either in the fuel tank or at time of production. The mixture of catalyst to fuel is typically 1 part catalyst per 1000 parts fuel.
- As the additive fuel enters the internal combustion engine, it begins to work during the combustion process, whether the air-fuel mix is spark ignited or pressure-heat ignited within the combustion chamber, the catalyst/fuel mixture immediately begins a reaction and creates heat.
- The reaction catalyzes the film coating which allows for a cleaner and more thorough combustion, as much of the heat is localized and contained within the combustion chamber. As a result, previous carbon build-up at the top of the combustion chamber is cleaned over time. The cleaner and more thorough combustion results in much higher engine torque and efficiency as greater power is achieved.
- Additionally, the cleaner and more thorough combustion results in a significant reduction of harmful fuel emissions from the fuel exhaust, such as Carbon Monoxide, Sulfur Dioxide and Hydrocarbons, while also reducing the amount of extremely harmful diesel fuel particulate matter being released into the atmosphere.



Electrical Municipal Power Generation

- In many countries around the world, diesel generators (Gensets) account for much of the electricity production for consumers and businesses. These diesel-powered gensets consume millions of gallons of fuel per year and deposit millions of tons of hydrocarbons into the atmosphere, contributing to the greenhouse effect.
- For developing nations, replacing or upgrading these powerplants to greener alternatives is just not fiscally possible.
- With Addigreen, these powerplants can meet clean energy standards now, while improving their diesel fuel supply by increasing the amount of load hours they generate off each and every gallon of fuel.

- Addigreen also works to lubricate critical engine components, thus reducing down-time and repair costs. As Addigreen works to increase efficiency, the combustion chamber burn process is more complete, which helps significantly reduce pollutants being released through exhaust.
- The process helps the environment by reducing the amount of fossil fuel required each cycle by the Genset and eliminates harmful particulate matter.



Ocean Freight and Passenger Transportation

- For over 500 years, our oceans have been used for global trade. Today, over 90% of all world trade takes place by ocean vessel.
- Container ships are used to transport most goods, and almost all of these ships operate via diesel or bunker fuel oil engines. Although some of today's modern container ships have high-efficiency diesel engines, these ships still utilize between 100 and 350 tons of fuel per day, creating a lot of pollution.
- By placing a fractional amount of Addigreen catalyst into their fuel supply, container ships can reduce the amount of fuel they consume by up to 100 tons per day. Less fuel reduces costs and increases profitability.
- Along with this new fuel efficiency, their engines will run cleaner with a more effective full combustion, resulting in less harmful sulfur dioxide pollution going into our atmosphere, and eventually, into our ocean water.

Mining and Heavy Construction



- Mining and heavy construction equipment are essential to keeping our economy growing and improving infrastructure.
- Nearly 75% of mining equipment is powered by diesel, and 100% of construction equipment operates on diesel power.
- All this equipment has one thing in common – it burns lots of diesel fuel. In fact, a typical mining operation will use hundreds of thousands of gallons of diesel fuel per year.
- With Addigreen products, we can increase equipment efficiency, reduce engine wear and tear, and improve productivity.
- The fuel cost savings can help offset the cost of additional equipment, which can be used to expand operations, hire more employees, and increase production and profitability.

Rail Cargo and Passenger Transportation

- In 2019, diesel fuel consumption by the U.S. transportation sector was about 47.2 billion gallons (1.1 billion barrels).
- This amount accounted for 15% of total U.S. petroleum consumption and, on an energy content basis, for about 23% of total energy consumption by the transportation sector.
- Rail transportation is essential for moving goods from port to destination. Most freight trains run on diesel fuel and burn millions of gallons of diesel per year.
- By offsetting fuel consumption with Addigreen catalyst, trains can travel further on less fuel, releasing less particulate matter into the communities they pass through.
- This cost savings equates into more product getting to market more efficiently, reducing the costs across the transportation spectrum, eventually funneling down to the retailer and the consumer.

Over the Road Freight Transportation

- Over the road trucking accounts for 90% of all goods moving across the nation. Diesel powered trucks account for nearly 100% of that transportation and utilize millions of gallons of diesel fuel per year.
- One type of particulate matter (PM) is the soot seen in vehicle exhaust. PM can be a primary pollutant or a secondary pollutant from hydrocarbons, nitrogen oxides, and sulfur dioxides. Diesel exhaust is a major contributor to PM pollution.
- Addigreen products help to reduce and eliminate harmful exhaust emissions by creating a more efficient combustion process. So, while creating better fuel efficiency is terrific for the trucking business bottom line, our products also serve to preserve our environment.



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GREEN TECHNOLOGY COMBUSTION

Military Equipment

- The world's military is powered by diesel. Diesel is used to power tanks, trucks, equipment, pumps, and just about everything a modern military uses to defend themselves.
- The United States military alone uses 4.6 billion gallons of fuel every year, which equates to 12,600,000 gallons of fuel every single day.
- Addigreen products added to a military fuel supply can result in hundreds of millions in savings per year.



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GREEN TECHNOLOGY COMBUSTION

Commercial Delivery Services

- Commercial delivery services UPS and Fed Ex operate a combined 160,000 delivery trucks.
- Each of these diesel-powered trucks consumes approximately 2 gallons of fuel every hour of every day, and even more with a load.
- They release thousands of tons of pollutants into the atmosphere, including Hydrocarbons, Carbon Monoxide, Sulfur Dioxide, and suspended particulate matter.
- If these fleets utilized Addigreen when they fuel up, they can increase their fuel efficiency by over 40% and offset the amount of harmful pollutants they release by more than 80%.
- Together, we can increase fuel efficiency, lower delivery costs and offset their enormous carbon footprint.

Public Transportation and Commercial Buses

- Municipal diesel buses, school buses and commercial buses are a major contributor to pollution in urban and urban centers.
- Because they normally operate around the populated area, the pollution they release can cause significant health problems.
- Diesel emissions contain numerous pollutants, including soot, nitrogen oxides, sulfur dioxide and carbon monoxide, which negatively affect cardiovascular and respiratory health, contributing to serious illness.
- As states and private companies are moving towards more efficient diesel engines, Addigreen can help them immediately meet their goals of reducing harmful emissions and being more environmentally conscious, while also lowering fuel costs and increasing profitability.



GREEN TECHNOLOGY COMBUSTION

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A Better Planet for Future Generations

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