

AB Engine Inc. is introducing a Method for Internal Combustion Engines with Highest Fuel Efficiency Theoretically Possible

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AB Engine Inc. has announced that it has designed and completed a high efficiency internal combustion engine (ICE) prototype in order to demonstrate the “proof of concept” behind the AB Engine patented technology (described in US patent #8,086,386). Testing the novel AB Engine method and design with a “regular” or 87 octane rating unleaded gasoline, yielded 44% higher fuel efficiency in comparison to a similar conventional engine design.

The prototype was built by modifying a gasoline powered electrical generator with an 8:1 compression ratio internal combustion engine design. To ensure the integrity of the efficiency testing, one engine was selected for modification from two identical generators previously tested under a standard electrical load in order to ensure that they have similar gasoline intake characteristics.

Next, the AB Engine team implemented one of the company’s patented design solutions in order to modify the engine. The combustion chamber was altered to a compression ratio of 17:1 and an additional control valve was integrated in order to optimize the engine’s actual compression ratio to the gasoline used during testing. The novel engine design is flexible and allows adjustments in order to enable the use of any available gasoline octane ratio on the market.

The modified engine “run time” was 1.44 times longer than the conventional engine, utilizing the same amount of fuel under the same electrical power load. If a car gets 25 miles per gallon with an engine similar to the “control”, then the same car will run at 36 miles per gallon if the engine is modified to an AB Engine. Translating a similar scenario to a “Hybrid” vehicle with 40 miles per gallon, as advertised on National TV, then modifying the Hybrid engine design to an AB Engine would yield 58 miles per gallon for the same vehicle.

The company has begun license solicitation with internal combustion engine manufacturers for automobiles (sedans, SUVs, trucks, etc...), boats and ships, light or stationary electrical generators and so on. The biggest advantage of using the AB Engine technology is its ability to further improve the efficiency of Hybrid Technologies that are becoming more popular in the automotive industry **as a fuel saving solution.**

The AB Engine technology is not limited to internal combustion engines using gasoline. It has the same impact on efficiency if implemented in “diesel” engines and engines utilizing gas fuels.

For more information about AB Engine and its technology, please visit www.abengine.com

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AB Engine Inc. is an Intellectual Property based company that has introduced patented Internal Combustion Engine technology that will take engine efficiency to the next level, a level beyond today's technological limitations. The AB Engine design will further improve efficiency of Hybrid and Diesel engine designs.

AB Engine Inc. is prepared to assist in today's global mission around green technology, ultimately making our planet a better place to live!