GREENACT

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Company Profile

Clean Environment with Fresh Air,
That's What GREENACT Makes for You.

There are about 20 million cars presently registered here in Korea, and the air polluting fumes emitted from these cars are the primary cause of environment pollution. The nitrogen oxides emitted from motor vehicles are the 1st grade carcinogen inflicting fatal harm to the human bodies.

After many years of research & development efforts attempting to resolve such problem, the GREENACT WORLD Co., Ltd. has successfully developed the GREENACT's Act-green product allowing reduction of carbon monoxide & nitrogen oxide approximately over 70%, the primary cause of environment pollution and 'fine dust pollution' produced from motor vehicles.

Sang-man Kim, the CEO of GREENACT WORLD, was awarded the Prime Ministerial Prize at the Vehicle Air Pollution & Energy Fields of Grand Environment Contribution Award managed by the Environmental Monitoring National Headquarters and the Global Journalist Association in June, 2016, as recognized for contribution of Greenact & Act-green product to the growth of key national industries for making comfortable environment and saving energy from the perspective view of help achieving the economic growth.

Being introduced the Act-green and Greenact liquid by Mr. James Oh, the Ph.D of nuclear physics, a former researcher of Berlin Research Institute in Germany, the establishment and factory registration of Korean firm were completed in 2011. Since, the patent for environment friendly 'Functional Anti-freezing Solution Product' was registered, forming the sales & service network comprising 1 wholesale distributor, 5 regional distributors, and 20 dealers. Since May 2016, we have been negotiating the potential consortium business with BOSCH GROUP.

The GREENACT WORLD Co., Ltd. intends to contribute the whole world as a leader in the Green Industry and Automobile Industry with the representative products of environment friendly functional anti-freezing agent and engine oil additive preventing the atmospheric air pollution, improving fuel efficiency and reducing fine dusts over 50%.

CEO's Environment Management Principle and Goal

Q. Can you tell us your primary principle pursued as a management of an enterprise?

A. As a leader in environment friendly Green Industry, the GREENACT WORLD desires to contribute the whole world as a leader in the environment friendly Green Industry with an ideological principle offering clean atmospheric air environment for people with the products we have by preventing the atmospheric air pollution, improving fuel efficiency and reducing fine dusts.

Q. What is the primary goal to achieve?

A. The Act-green product we have developed directly in-house is to contribute the environment improvement by enhancing the performance of engine oil, and the goal is to be a leading enterprise for automobile energy improvement and find dust reduction in the domestic Korea market, as well as the overseas environment friendly market through consistent overseas market entry operation in the future.

Overseas Project References

Q. What made your company enter into the overseas market ?

A. The reality of earth we face these days is pretty serious because of environment pollution and energy related issues, as the air pollutants emitted from motor vehicles in Korea amounted to 8.2million tons per year

as of 2000. If it goes on like this, I suppose it will bring down the ruin of earth turning it into a barren land where the human being cannot survive. At this point of time, if all the car owners inject the Act-green and GREENACT into their cars when they receive the new cars from the manufacturers, it will make tremendous contribution to whole world and people, not just resolving environment problems, which I do believe with no doubt.

Q. Can you tell us any of your company's overseas market entry references?

A. We have concluded the joint venture business agreement with the FOSUN group of China in 2013, are under process of exporting the products and establishing the local factory there. Presently, there are lots of inquiries for purchasing of products coming from Indonesia, Vietnam, Japan, Thailand, U.S.A. & Europe, and the export of products began in September 2017 to Thailand.

Q. What was the major obstacles in making overseas market entry, and how did your company take care of such obstacles?

A. The issues of insufficient market information, shortage of funds and language barrier are frequent for the small & medium environment enterprises of Korea to make entry to overseas market are the obstacles in making overseas market entry.

Being the reserve finance capability of establishing local branch offices or joint ventures in foreign countries are not enough, we would like to recommend to participate in the exhibitions promoting Korean technologies

to overseas supported by the government or the technical seminars held in the targeted foreign countries, and secure the local collaborating partners there.

On-hand Environment Technologies & Product Profile

Q. Do you have major certifications or any record of awarding prizes?

A .

History of GREENACT WORLD	PR
1992 GREENACT, introduced by Physics Doctor James Oh.(Berlin)	Broadcasted at 29th Cho, Yeong-gu's Trend Hot Issue of SEN TV.
2007 World Green Group established.	Korea Economic Daily (Awarded the Grand Brand Prize)
2007 Attached Environment Friendly Qualification Academy established.	Electric Power & Industry Times(Article on GREENACT.)
2007 Car Green Engine Restoration Agent, Anti-freezing Liquid Composition developed.	Consortium with Silom of East Europe.
2008 Patent filed. #10-2007-0097192	Patent filed for Anti-freezing Solutio Injecting Method.
2008 ECO-LABEL Application filed. (No. 2008-7020)	Participated in BEXCO Frade Fair in Busan.
2011 GREENACT WORLD Co., Ltd. factory established.	Participated in KINTEX Trade Fair in Ilsan.
2012 GREENACT trademark registered.	GREENACT supplied to Defense Agency for Technology and Quality.
2012 Patent for functional anti-freezing agent #10-1057886.	GREENACT export consultation at Small & Medium Business Administration.
2013 Exported to FOSUN Group in China.	Best Enterprise Prize awarded by the NEWS TIME.
2014 ECO-LABEL registered. #12587.	Article on GREENACT at Green Newspaper.
2015 Tour to Chinese Embassy & KOTRA as invited by the Ministry of Environment.	Opened the shop at Korea ON-line E-procurement System of Public
2016 Patent for Functional Anti-freezing Agent & Injection Method registered.	Procurement Service, and Green Procurement System of Ministry of Environment.
2016 Experiment at Korea Association of Auto Technician conducted. Awarded the Grand Korea Environment Prize. (Prime Ministerial Prize)	GREENACT Broadcasted at Economic Review, Now News & U-TV.
Sept. 2017 GREENACT. ACT-green exported to Thailand.	Recommended by (Korean Delegation) Procurement Research Institute of U.S. Government.
	Acquired (Integrated Mark) national KC Mark & ECO-LABEL of Ministry of Environment.
	Certified with ISO14001 & ISO9001.
	Patent registered, Trademark registered, MSDS certified, ISO certified.

Q. What are the major features and advantages of your technologies?

A. The Act-green is a micro-resins restoring automobile engine. According to the result of bearing abrasion test conducted, as long as the test operating period for adhesion of additive agent, the Act-green demonstrated the excellence in restoration of metal better than any other common engine coating agents or oil additives available in the market. Those engine coating agents or oil additives available in the market would show restoration effect for a certain period of time but may result in rather adverse effect owning to the presence of additive ingredients.

The Greenact, a functional anti-freezing agent for internal combustions engines, once injected into the radiator and heated for over 65℃ temperature, then certain activity is to be created in fuel owing to the resonance absorption phenomenon radiating the infrared ray.

In other words, the energy generated from the radiation of infrared ray activates the 4-stroke engine, offering the advantages of reduction of smoke, improvement of fuel efficiency, reinforcing of output, and reduction of noise, as the oxygen sensor, catalytic equipment, electronic controller & other devices are optimized by the activated engine performance.

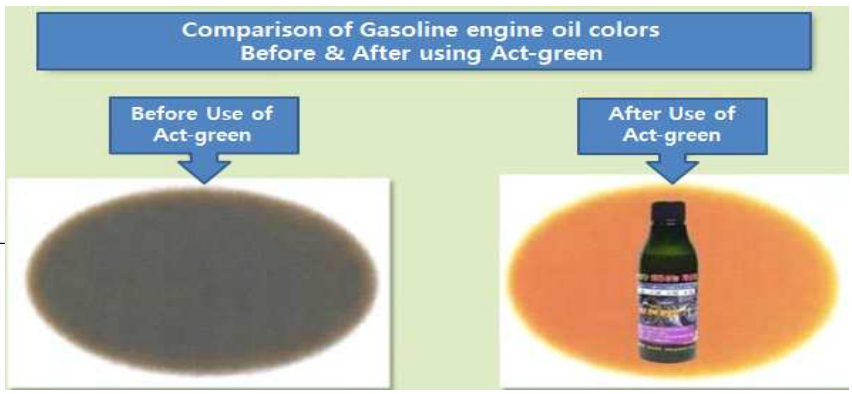

Fig. 1

Comparison of gasoline engine oil colors prior & after using Act-green.

Q. Can you tell us about the differentiated corporate competitiveness, if any?

A. The oil consumption of Act-green comes from combustion of oil itself. Such combustion is created primarily at the cylinder side as exposed to the combustion heat, when the oil resides in fine scratches and piston rings. The Act-green engine additive agent injected makes the interior wall surface of cylinder smooth increasing the only tiny amount of oil, which demonstrates the advantage of Act-green capable of reducing the oil consumption only with the washing action of Act-green. Also, as for the Greenact solution, it does prevent the direct damage of engine, increase engine output (5-8HP), save of fuel (15-20%), and reduce gas emission (70-95%) substantially, together offering the effect of allowing no deterioration of quality against the long term use of Greenact.

Fig. 2

Effect of Using ACT-green

Q. What would you like to request & comment for the environment industry enterprises?

A. The features of Greenact solution & Act-green are;

* Smoke reduced by 50-90%.
* Output increase by 5-10 HP.
* Noise reduced over 30%.
* Fuel improved over 15-25%.

I appreciate for your interest on the GREENACT WORLD Co., Ltd., and hope we can have continuous advices and encouragement of customers in the future as well so that we can grow to a world leader in environment technology development both in name and reality.