Go Green Fuel™

Drive Eco Friendly

Product Technical Specification

GOGREEN BIOENERGY INDIA PRIVATE LIMITED
Toll Free Number: 1800 3000 5901

GREEN FUEL FOR A GREENER TOMORROW

India is currently the world's 4th largest emitter of greenhouse gases, and its transport sector accounts for 13% of the country's energy-related CO_2 emissions (MoEF, 2010). However, India's growing transport sector can become more sustainable and climate compatible by aligning development and climate change agendas. As total Diesel demand for year 2016 is 155.7 billion Litres and will be increase in 6-8% year after year till 2023.
On an average calculation of 5% blend with the diesel will peg the requirement at 7.785 billion Litres of bio diesel. However the total production still under 150 million Litres of Bio Diesel annually hence there is huge demand supply gap exists.

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Comparison of Calorific Value of High Speed Diesel and Bio-Diesel

PRODUCT	UNIT	GROSS CV	% OF PURITY	NET CV	SPECIFIC GRAVITY	EFFECTIVE CV
(1)	(2)	(3)	(4)	(5) = (3)X(4)	(6)	(7) = (5)x(6)
HSD	Kcal/Kg	10700	95%	10165	0.820	8335
Bio-Diesel	Kcal/Kg	9600	99.5%	9552	0.875	8358

* Net Calorific Value = Gross Calorific Value X %Gross Calorific Value.
# Effective Calorific Value = Net Calorific Value X Specific Gravity.

Emission Comparison with Bio-Diesel and HSD

Emission Type	B100 Biodiesel	B20 Petro-diesel
Total Unturned Hydrocarbons	-93%	-30%
Carbon Monoxide	-50%	-20%
Particulate Matter	-30%	-22%
Sulfates	-100%	-20%
PAH (Polycyclic Aromatic Hydrocarbons)	-80%	-13%
nPAH (nitrated PAH's)	-90%	-50%
Ozone potential of speciated HC	-50%	-10%

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Differentiation Points with other Fuels

	Diesel	B100	B5
EMISSIONS			
Unburned hydrocarbons, ppm	**3**	**9**	**3**
Carbon monoxide, %	**0**	**0**	**0**
NOx, ppm	**237**	**248**	**240**
Particulates (opacity %)	**2.9**	**1.1**	**2.4**
FUEL ECONOMY			
City, mpg	**20.1**	**22.3**	**22.6**
Highway, mpg	**44.9**	**44.2**	**48.5**
ACCELERATION			
0-30 mph, sec.	**4.5**	**4.5**	**4.5**
0-60 mph, sec.	**15**	**14.5**	**14.2**
1/4-mile, mph	**69.9**	**71.3**	**72.2**

International Biodiesel Standards

- **Fuel used will be Blended fuel, will be more or less percentage based on company norms, also B100 if a compatible engine is provided. Fuel standards for B100 as ASPM D6751 American standard and EN14214 Euro Standards.**
- **Fuel used will be Blended fuel, will be more or less percentage based on company norms, as follows**

% Composition	HSD	Go Green Bio Diesel
B10	90	10
B20	80	20
B30	70	30
B35	60	40
B100	0	100

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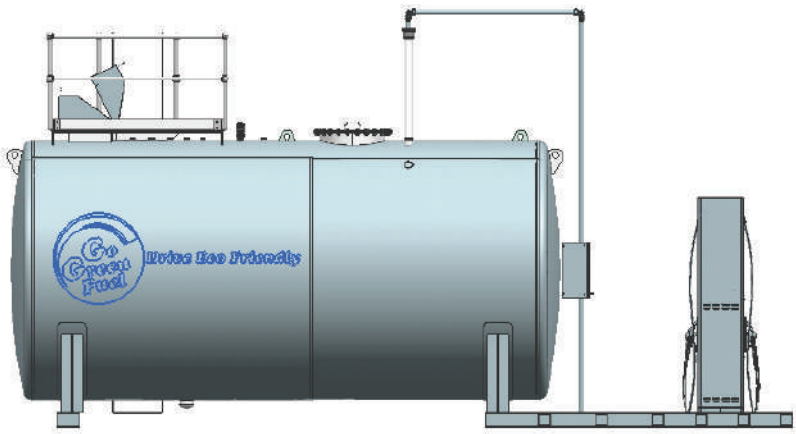
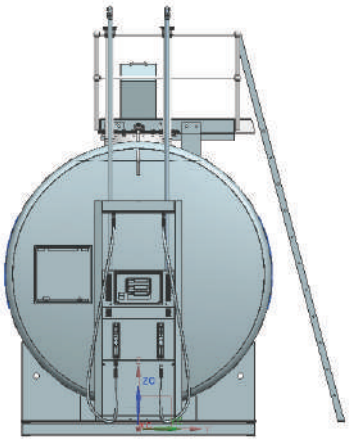
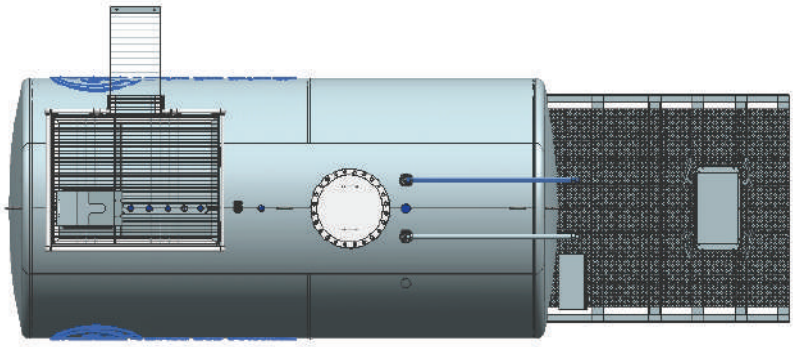
Integrated Tank and Dispending System

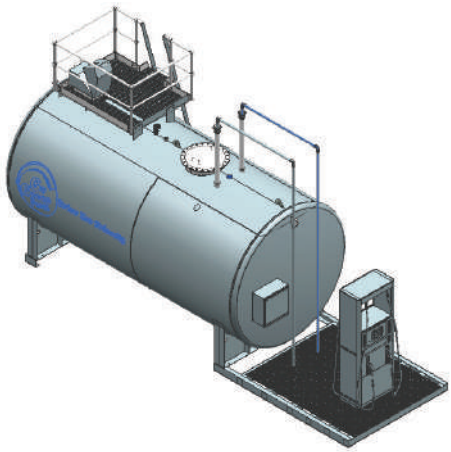
Gogreen Bio Energy Initiating this Integrated Tank and Dispending system for a early start with

Low Investment and High Returns.









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Secure Policy

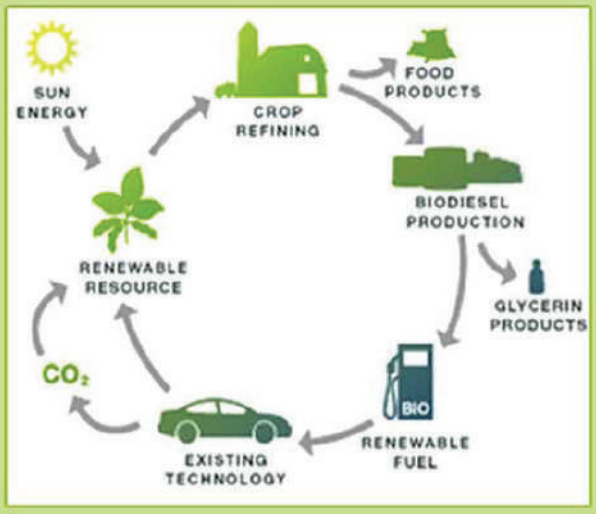
- **Under 1-4 Year aged Vehicles are covered under Secure Policy**
- **50 Paisa of 2 rupees Profit is allocated for Secure Policy**
- **This is to ensure the Consumer for any damages prevent to happen by usage of this Fuel**
- **The Vehicle/Generator must use the biodiesel continuously**
- **Claim must be accompanied with the Survey Report**
- **Survey inspector charge of Rs. 5000 must be borne by the customer**

From Farm to Fuel

From Farm to Fuel

Biodiesel is a product of the ecological process powered by the sun. By tapping into the farm-grown oil seed produce, biodiesel can be extracted and processed for use as a clean-burning fuel.

The oil-seed crops have various uses ranging from food products for humans and animals, to glycerin for cosmetics and oil for cooking. Biodiesel is just one product of these crops.



Sailent Features of Bio-Diesel

SALIENT FEATURES OF BIODIESEL

- Environment-friendly
- No modification of engine
- Costs less than normal diesel
- Extends life of engine
- Safe to handle and store

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G-Power

GPOWER

Commercial Benefits of G-Power

- Better ignition and combustion
- Reduces exhaust emissions
- Improves lubricity & reduces engine wear
- Fuel consumption
- Safer, biodegradable and non toxic
- Sulphur free
- Carbon dioxide neutral

Our Prospective Customers

Bengaluru INTERNATIONAL AIRPORT

KARNATAKA STATE ROAD TRANSPORT CORPORATION

BANGALORE METROPOLITAN TRANSPORT CORPORATION

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www.gogreenbioenergy.com

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Corporate Office:

Concorde Towers, UB City, 1 Vittal Mallya Road,
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Plant Location:

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