



ABHITECH ENERGYCON LIMITED



THERMOL-D[®]

Combustion Improver for Diesel

Profile

ABHITECH Energycon, through its innovative technology, is involved in conservation of all types of fuels, be it solid or petroleum. The Company's products are useful in the field of energy conservation and pollution control.

Abhitech products are aimed at solving the problems related to combustion of various fuels and reduce associated cost by ensuring complete combustion of the fuels and reducing emissions.

Industries like Pharmaceutical, Steel, Sponge iron, Chemical, Automobiles, Shipping, Mining, Hotel, Sugar and Power plants etc are using our products since last 10 years. It is their testimonials over many years that has been the catalyst that continues to drive the company to even more innovations.



ABHITECH ENERGYCON LIMITED

ISO 9001 : 2008 Certified Company

What is **THERMO-L-D**?

Thermo-D is an eco-friendly, multifunctional diesel additive developed in association with Indian Institute of Technology (I.I.T) Bombay. It is a unique blend of Surfactants, Lubricity Additive, Antioxidant, Cetane improver, Solvents & Combustion Catalysts etc. All the ingredients used in its preparation are organic in nature, thus making it safe for use in any industrial or domestic applications.

THERMO-L-D Technology

The core technology of **Thermo-D** helps in complete combustion of Diesel and also helps in maintaining cleanliness of the entire fuel system components. Surfactants present in the product reduce the surface tension of the diesel droplet, thereby breaking it into two or three smaller droplets resulting into better atomisation and thus, increasing the combustion efficiency.

Dispersants present help in cleaning and preventing any carbon deposits in the system and filter clogging. These actions further help in improving the combustion of diesel.

Cetane improver present in **Thermo-D** increases the Cetane value of diesel leading to reduction in the ignition delay. This reduces engine vibration, giving better output & reduce pollutants.

THERMOL-D

has been evaluated and approved by
by a prestigious OEM in India

APPROVED

Thermol-D also contains a unique combustion improver and other components, which functions in both Pre Combustion and during combustion phase.

Thermol-D reduces the adhesive strength of hydrocarbon chains leading to easy burning of diesel. Lubricity enhancers restore the fuel lubricity of diesel ensuring smooth running of fuel pump and other moving parts.

The overall effects of all the above help in reducing the diesel consumption as well as smoke and other emissions.



THERMOL-D

helps in improvement in environment by
reducing harmful emissions



Thermol-D is also recommended for usage with Bio-Diesel. When added to Bio-Diesel, Thermol-D reduces the viscosity, thereby helping in better atomisation. It also helps in reduction of the gelling point. Thermol-D also helps in improving the combustion of Bio-Diesel, thereby helping it to give more energy out put.

THERMOL-D

is recommended for usage in various equipments such as:

- Asphalt plant
- Buses
- Crushers
- Cranes
- DG sets
- Diesel Locomotives
- Earth Moving Equipments
- Front Loaders
- Fishing Trawlers
- Mining Equipments
- Shovels
- Tippers
- Trucks





THERMOL-D

is being exported to countries like,

Hungary, Indonesia, Malaysia, Nigeria, Singapore, Brazil, Uk, Serbia, Sri Lanka, EU countries.

Advantages

- Improves combustion efficiency.
- Reduces diesel consumption by 3-6%.
- Reduces harmful emissions and smoke.
- Reduces engine noise.
- Reduces maintenance costs.
- Improves life of fuel injection system and diesel pump.
- Enhances smoother engine operation and reliability.



THERMOL-D Dosage

Thermol-D is self miscible liquid and it is to be added directly into the diesel tank.

The recommended dosage is 1:2000 on v/v basis (i.e. 1 litre of Thermol-D to be dosed with 2000 litres of diesel).

Thermol-D is also recommended for use in Bio-Diesel & Bio-Diesel blends.

Packing

THERMOL-D

is available in packing of 20 litres, 1 litre, 500 ml, 250 ml, 100 ml, 50 ml and 25 ml.



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