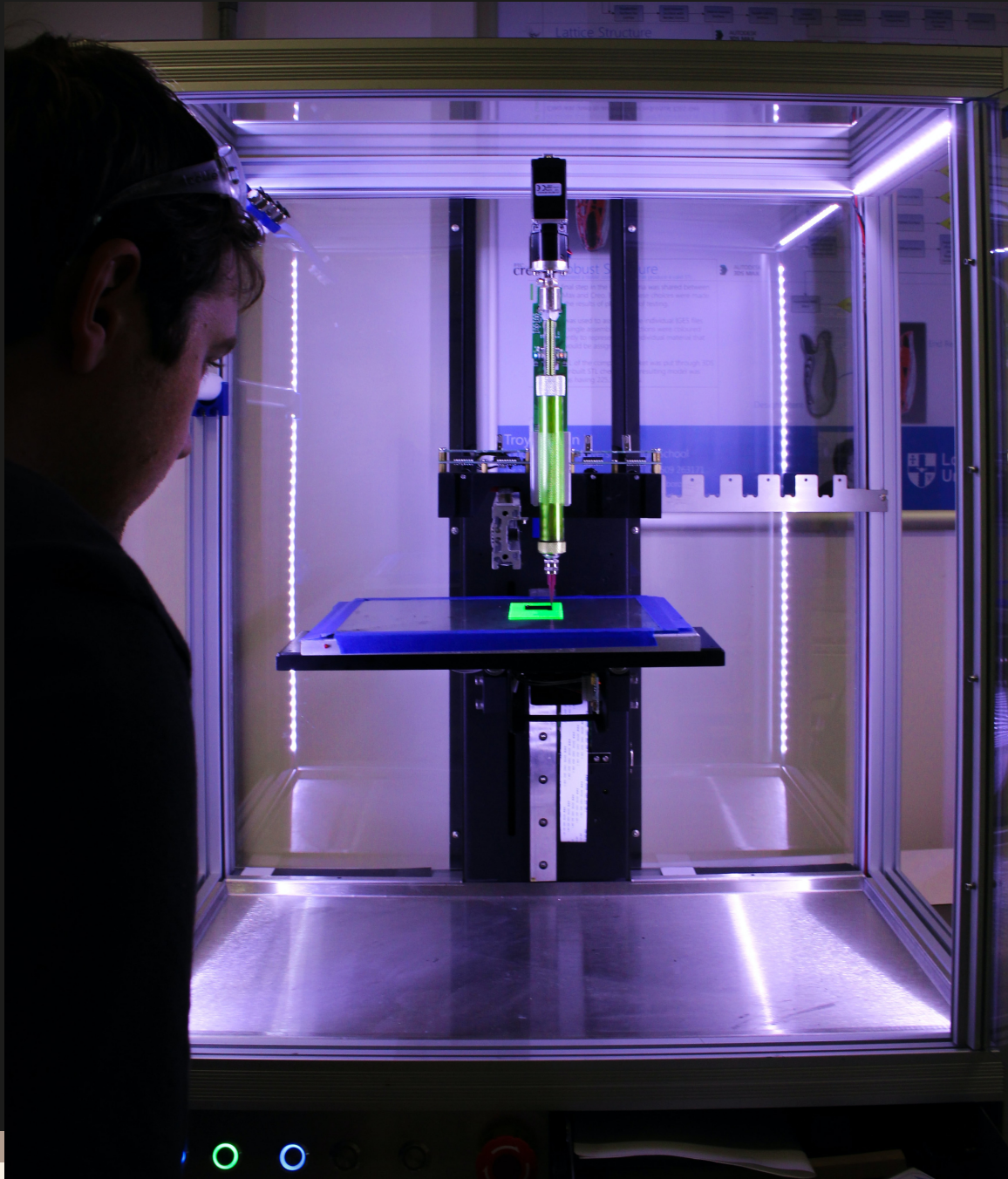


# FLEMEX-DL DIESEL/LDO ADDITIVE

SAVE FUEL UPTO 15%



A UNIQUE CONCEPT FOR COMPLETE  
COMBUSTION, FUEL SAVING AND  
REDUCING ENVIRONMENT POLLUTION

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## **DIESEL/LDO ADDITIVE**

FLEMEX - DL Diesel/LDO additive is a unique quality product.

Marketed and sold by Shoolin Enterprises, Kolhapur.

### **WHAT IS FLEMEX-DL?**

The FLEMEX-DL catalyst is blended with active solvents that are completely miscible with fuel. It has the ability to dissolve gums and sludge inherent in diesel fuels. In addition, it retards water separation and thus acts as an anti-corrosion agent. It is the best combination of organic chemicals & catalysts formulated with cetane improver (Ignition improver) oxidizing agent, cleaning agent.

### **HOW DOES IT WORK?**

Better initial fuel atomization plus the catalytic action and the micro explosions, not only promote more complete combustion but also produce an increase in the rate of energy combustion and produce an increase in the rate of energy release early in the combustion process. This change in a release early in the combustion kinetic results in both a higher temperature and a higher initial combustion pressure. The higher temperature ensures more complete combustion for a cleaner engine that requires less maintenance.

In the diesel engine, fuel injectors inject and atomize the fuel. The degree of atomization is designed by the manufacturer and controlled by the diameter and angle of orifice holes of the injector because hard gummy carbonaceous substances are formed around the nozzle orifice holes which cause a reduction in diameter of holes and also sticking of needle valves in the injector. This results in a deviation of a designed pattern of "Atomisation". This phenomenon is known as "Injector fouling". Injector fouling causes problems of reduced power and higher smoke. This can be eliminated by the regular use of FLEMEX-DL additive in diesel.

### **PROPERTIES OF FLEMEX-DL**

A number of road testing/field trials have shown that results of the multi-functional fuel additive FLEMEX-DL prove fuel economy increases up to 15%.

Our multi-functional diesel additives are built around detergency performance and is designed to keep fuel injection systems clean in addition prevent corrosion and rust, enhance fuel stability, and improve fuel economy. It boosts performance by improving the cetane number increasing lubricity and inhibiting foam formation.

### **ROLE OF IGNITION IMPROVER (CETANE NUMBER IMPROVER)**

As ignition delay is reduced the combustion process starts earlier and primarily carbon monoxides and hydrocarbon are reduced. Cetane improving additives can boost the cetane number of fuel and the performance of the fuel.

Cetane number is the measure of a diesel fuels ignition, quality ignition, quality is measured by ignition delay, the time between the start of fuel injection and the start of fuel combustion. Fuels with good ignition quality give short ignition delay and are assigned high cetane numbers.

### **LUBRICITY**

In diesel fuel systems the fuel provides lubrication for the fuel pump and the injectors. A fuel with poor lubricity can cause excessive wear and premature failure of these components. A special lubricating agent used in our product is becoming a larger concern to restore the lubricating properties of the fuel.

### **STORAGE STABILITY**

In storage, diesel fuels are attacked by atmospheric oxygen which can cause color change and varnish deposits. Antioxidants and dispersant present in FLEMEX-DL prevents such problems

## **CLEANLINESS**

Superior injector cleanliness reduces the frequency of injector maintenance and consequent downtime.

## **CORROSION INHIBITION**

Superior protection against the corrosive effects of water which condenses from the atmosphere during fuel storage maintains the integrity of injector, tanks, pumps, and lines.

## **SLUDGE INHIBITION**

Superior dispersant keeps sludge from setting on filter and tank bottoms.

## **REDUCE EMISSION**

The emission-reducing agent has been shown to reduce emissions of hydrocarbons, oxides of nitrogen, carbon, monoxide, and particulate matter, etc.

## **ECONOMICS**

B.E.P. = Break-Even Point

A= Cost of Additive FLEMEX-DL per lit of Fuel.

B= Cost of Fuel per lit.

B.E.P=  $A/B*100$ .

Net Saving = Gross Saving - Break-Even Point

You may note that a very special thing there is no requirement of a special budget for the purchase of our product. You can purchase our product from your fuel budget & reduce your fuel budget also.

## **BENEFITS OF FLEX-DL**

1. Reduces Pollution Environment Friendly
2. Increases Injector Life.
3. Reduces Smoke and Other Emission
4. Removes Complete Carbon.
5. Reduces Engine Noise and Over Heating.
6. Reduces Maintenance Cost.
7. Increases Mileage and Ensures Smooth Running.
8. Reduces Fuel Consumption up to 15%

## **DOSAGE**

0.5 ML. of FLEMEX-DL additive /LIT. of diesel

1 LTR. of FLEMEX-DL additive for 2000 Ltr of diesel

## **HOW TO USE**

FLEMEX-DL is added directly into the main fuel storage tank or vehicle's fuel tank. Shake well before use.

## **HANDLING STORAGE**

The container should be kept in a cool and dry place.

## **USEFUL FOR**

All types of Vehicles which run on Diesel Engine, D. G. Sets, Earth Moving Equipment, Marine Engine, Locomotive engine, etc.

## **PACKING**

50 ML, 500ML, 1LTR, 5 LTR, 20 LTR, 35 LTR.

**FOR B2B/B2C CONTACT:**

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