Sojas

ISO 9001:2015

Smart Additive for Reliable Power

SPARK-D-14 Little Master of diesel engines



INNOVATION
ENERGY
TRUST

Sojas Techno-Power Pvt. Ltd.
Mfgs. of Bio-Based Fuel Modifier

Email: info@sojas.in
Website: www.sojas.in

Introduction

Established in April 2018, Sojas Techno-Power is a biotechnology-driven chemical company specializing in bio-based fuel additives such as SPARK-81. With a production capacity of 100,000 Ltr/Month at our Pune manufacturing plant, we are committed to delivering cost-effective, high-performance solutions that enhance efficiency and reduce emissions.
As an R & D-focused organization, we innovate under the guidance of specialists in nano-materials, developing environment-friendly products that align with the future of conventional and alternative energy. Our purpose is to save energy and protect the environment through green technology.

Business Objective

Sojas Techno-Power is formed under the principle of providing quality products & service at a fair price thusly maximizing value, Our business objective is to increase customer's profitability through providing substantial cost effective fuel additive which are better modifiers for 'C' Grade Fuels like furnace oil.



Our Environment Policy

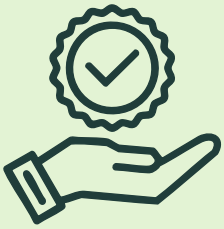
"We are committed to operate as an Environmentally Responsible Manufacturer . We strictly adhere to all environmental laws & procedures and grant due environmental respect to our Society, our Country and our Earth. We are also committed, through our constant research & development, to prevent Pollution and contribute positively towards making a Clean & Green Earth".

Our Quality Policy

We possess state-of-the-art Lab equipment's to carry out various tests and are constantly in the progress of upgrading them to assure the consistent highest quality.
It is a move, initiated not only as per the requirement of Customers but we do undertake steps to improve our quality as well as identifying levels of various ingredients ourselves. It is usually based on the experience we have gathered over a span of nearly five years.

Seeing Is Believing

Here we are requesting you to give us a chance to prove our product in your esteem organization which is ultimately going to give you a smooth combustion, with reduced pollutant gases & ultimately give you consumption saving considerably.



Working Principles

The closer the piston is to Top Dead Center (on the combustion stroke) the higher the pressure & temperature, and the greater the resulting detrimental forces on upper cylinder components. Eventually the Compression Ring wears an indentation into the cylinder wall, at TDC. This spot receives the least lubrication. This is the "Lubrication Gap" in all internal combustion engines. **SPARK-D14** "Bridges the Lubrication Gap". Some of these Synthetic Esters survive combustion and attach themselves to all metal surfaces within the area of the Upper Cylinders.

Major Benefits

- Long term effects of **SPARK-D14** start appearing after several weeks of continuous use, and the engine begins to run noticeably smoother. This modifiers continues to deposit themselves on the metal surfaces, in the boundary layer on the upper over a period of months.
- **SPARK-D14** de-carbonizes the engine. Un-burnt carbon particles act as abrasive material & are significantly responsible for engine wear. **SPARK-D14** clears the engine of un-burnt carbon residue completely. Continuous use of **SPARK-D14** prevents deposition of carbon particles & increases the life of engine.
- **SPARK-D14** provides higher lubrication 93%, (diesel being 33%& FO still lesser) thus reduces wear and tear of engine increasing the engine life in the process.
- **SPARK-D14** improves the ignition properties thereby increasing the Cetane number resulting in better performance of engine.

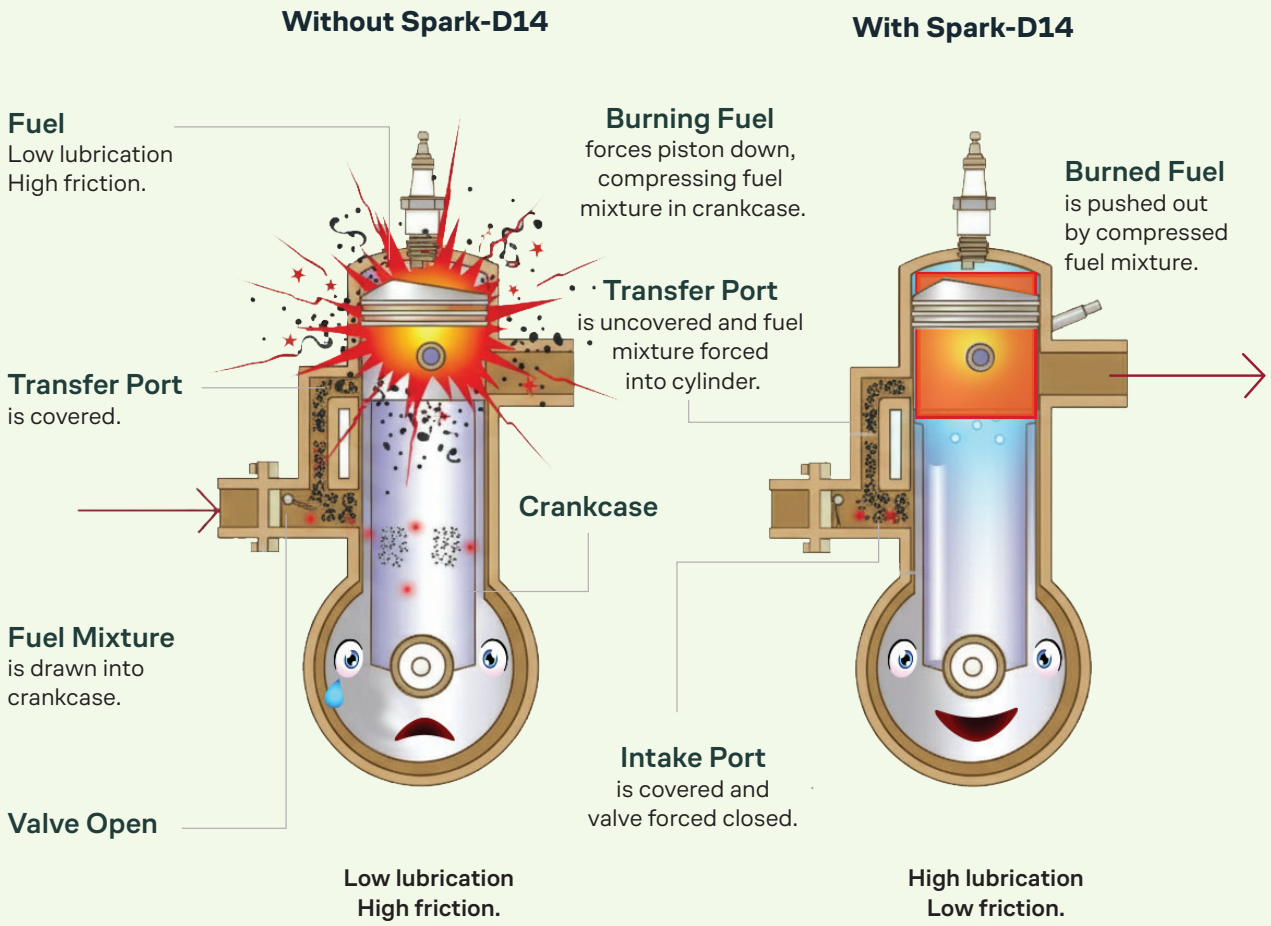
Reduces Pollutant Gases/Smoke Level

- There will be an optimum speed at fuel efficiency will be greatest. Engines should run as closely as possible to their rated speed to avoid poor efficiency and to prevent build up of engine deposits due to incomplete combustion – which will lead to higher maintenance and running costs.
- **SPARK D-14** improve the combustion with its Unique enzymatic actions, thus reduce maintenance and running costs.
- **SPARK-D14** reduces downtime of the vehicle, thus adding to profitability.
- Better mileage by using **SPARK-D14.**

More Oxygen → More Breathing for Engine → More Mileage

SPARK-D14 contains
10-11 % Oxygen
by weight and no sulphur.

Increases mileage upto
15-20 %



Other Products

- **SPARK-81** - Bio based fuel additive for oil fired furnaces, boilers etc
- **SPARK SLUDGE BLUSTER** - This product is specially designed to handle the coal tar (Sludge) in Coal Gassifiers

Sojas Techno-Power Pvt. Ltd.

Factory Address

Parijat Building
Shop No. 1234, S.No.81/7, Shivane
Dangat Industrial Estate
Tal. Haveli, Dist. Pune 411023

Office Address

Shop No. 10, Laxmi Ganga Apartment
Suncity Road, Sinhgad Road, Pune - 411051
+91 12221234 / 9975155551
Email: info@sojas.in | Website: www.sojas.in