

# **PDS - SUREFIRE**

#### INTRODUCTION

SUREFIRE is a Multi Functional Fuel additive for cleaning fuel systems. It is suitable for use in all types of fuel including, leaded and unleaded gasoline, gasolines and diesel fuel. It is an excellent cleaner, and imparts protection to engines using modern bio-fuel such as Gasohols e.g. E10, E85 and various bio-diesel blends.

SUREFIRE restores the spray pattern of the fuel and allows the engine to burn the fuel better. This allows maximum performance, cleanliness and fuel economy.

## MODE OF ACTION

SUREFIRE quickly and effectively removes deposits from intake valves and injectors. It works on two distinct levels, these are:

Penetration of deposits: SUREFIRE rapidly penetrates deposits to break them down,

allowing them to be swept away by the intake air or fuel flow. It does not have to rely on dissolving the deposit to remove it from

the surface, making SUREFIRE more effective.

Lifting of deposits: SUREFIRE has an incredibly strong affinity for metal surfaces.

When it has penetrated valve or injector deposits, it bonds more strongly to the surface than the deposit material. The result is a lifting effect that allows the deposits to be removed, and while SUREFIRE is in the fuel, prevents material from depositing.

## PROTECTION OF FUEL SYSTEM COMPONENTS

SUREFIRE has the additional benefit of protecting metal surfaces from corrosion by bonding to them. This protection is seen, even in the presence of wet fuel.

SUREFIRE penetrates, rather than simply dissolves deposits. Because of this, it is inherently safer on plastics, elastomers and paintwork than other harsh "solvent" type products.

Extensive testing of SUREFIRE on typical automotive elastomers and plastics have shown it to be safe to use over extended periods.

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#### WHEN TO USE SUREFIRE

Whenever a vehicle comes in for routine servicing.

Whenever a vehicle shows a loss of performance.

Whenever a vehicle shows an increase in fuel consumption.

If driving frequently in stop-start city traffic.

#### **HOW TO USE SUREFIRE:**

# SUREFIRE should be:

Simply add a bottle of Surefire to the fuel tank of the vehicle. One bottle of Surefire treats the average car fuel tank of 60 - 80 litres. For best results use most of the treated tank before refuelling.

There are no problems dosing into smaller or larger tanks. If dosing into greater than 80 litres of fuel e.g long range fuel tanks in 4WDs ... use 2 bottles.

### Features of SUREFIRE are:

**PFI:** Port Fuel Injection clean up and keep clean.

**IVD:** Intake Valve Deposit keep clean or removal.

**E/FE:** Emissions and Fuel Economy improvement.

**Cor/Con:** Corrosion and wear control.

#### Benefits of SUREFIRE are:

More power

Smoother acceleration

Restored fuel efficiency

Easier starting

Smoother idling

Increased engine reliability

Reduced running costs

