

# ELIMINOX

Working Towards a Cleaner World

[www.eliminox.co.uk](http://www.eliminox.co.uk)

Melbreak, Upton Magna Business Park,  
Shrewsbury, Shropshire. SY4 4TT.

t- +44 (0)7980 443 521 e- [enquiries@eliminox.co.uk](mailto:enquiries@eliminox.co.uk)

Manufactured by Nouryon, one of the World's Leading Speciality Chemical Groups

Incorporating the Technology of SulNox Group PLC

Bureau Veritas certified that fuel treated with Eliminox Eco retained EN590 Compliance



## TRANSPORT

# ELIMINOX

Working Towards a Cleaner World

# INTRODUCTION

There is no doubt that diesel (in addition to petrol) engines have contributed considerably to global pollution and as a result the UK government is introducing a ban on the sale of new petrol and diesel cars to be introduced in 2035. Many health issues such as heart and lung disease have been attributed to diesel vehicle pollutants and emissions of nitrogen oxides (Nox) regularly exceed safe levels in many cities. Diesel vehicles produce the overwhelming majority of roadside Nox gases.

**ElimiNOX Eco™ addresses these and other problems.**

- Keeps fuel in storage tanks clean and maintains fuel integrity and stability
- Reduced filter blocking
- Reduces Carbon Footprint
- Improving lubricity / reduces rust and corrosion in tanks and fuel systems
- Scavenging excess water from fuel tanks
- Removing carbon deposits from injectors / valves
- Modifying and improving the combustion flame to reduce soot and gas emissions
- Reducing acid products of combustion
- Reducing soot and acid contamination of engine oil, extending oil life and reducing maintenance
- Improves fuel efficiency (Litres per 100km)
- Extends engine life
- Manufactured from natural products and is biodegradable

**ElimiNOX Eco™** dramatically reduces all the environmental pollutants produced by diesel engines. The product has been rigorously and successfully tested by world renown fuel laboratories including Socotec Laboratories and Millbrook Proving Ground based in the U.K. The test results have been declared as ‘game changing’ for the diesel engine, environmental pollution and the health problems associated with diesel engine pollutants. Not only does **ElimiNOX Eco™** dramatically reduce diesel engine pollutants, it enables diesel engines to perform far more efficiently. **ElimiNOX Eco™** will also clean all stored fuel when added to fuel storage tanks, and ensure diesel bug is both eliminated and prevented.

**The average distance driven per year for an HGV driver is 220,000 kms...**

An HGV consistently using the ElimiNOX Eco™ product could expect to see the following savings

## FUEL SAVINGS - 8% saving @ R16.375

Per Litre	R1.32
Per 1000 Litres	R1,320
Per 220,000 kms	R66,000

## CARBON REDUCTION

Per Litre	384g
Per 1000 Litres	384 kgs
Per 220,000 kms	97 tons

Based on 20 short tons of cargo

## MAINTENANCE REDUCTION

Per Year	R30,000
Per 3 Years	R90,000

**There would also be a reduction in annual maintenance costs**

\* Statistics based on national averages. Dependent on condition / age of vehicle, driving style, long / short haul and weight carried.



“After using ElimiNox Eco™ since May, we have been pleasantly surprised with the results. showing an 8% improvement in MPG and an extended period of the particulate warning light not illuminating, which confirms a reduction in PM emissions. As a forward looking innovative company, we believe ElimiNox will undoubtedly reduce the carbon footprint of Besblock in the future. The fleet of 25 trucks have not suffered any detrimental effects during the period, nor suffered any fuel related problems. We can recommend ElimiNox to any fleet owner.”  
Transport Manager Besblock

# ENVIRONMENTAL BENEFITS

## EURO 5 TO EURO 6 FUEL EMISSIONS COMPLIANCE

THE EUROPEAN STANDARDS SPECIFY THAT THE EMISSIONS LIMIT FOR PARTICULATE MATTER IS:

EURO 5 - 0.005 G/km (Introduced 1st September 2009)

EURO 6 - 0.0045 G/km (Introduced 1st September 2014, a mandatory decrease of 10%)

By adding 0.05% **ElimiNOX Eco™** to a tank of fuel, it is possible for a vehicle that would normally just meet the Euro 5 Standard to comfortably meet the Euro 6 Standard, without any modification.

## WHAT ARE THE ENVIRONMENTAL BENEFITS OF USING ElimiNOX?

**ElimiNOX ECO™** dramatically reduces the following environmental pollutants:  
Here are the average results taken from recent tests on an MWM 6 Ltr diesel engine diesel engine, carried out by **Unergy Laboratories** -

Carbon Monoxide :	30% + - reduction
Carbon Dioxide :	30% + - reduction
Nitric Oxide :	35% + - reduction
Nitrogen Dioxide :	20% + - reduction
Oxides of Nitrogen :	23% + - reduction
Sulphur Dioxide :	20% + - reduction

Location	Vehicle	PM Total %	PM 10 %	PM 2.5 %	NOx %
Haverford West (Socotec UK)	Case Engine	-8.39	-52.28	-61.43	
Millbrook Proving Ground	Mercedes Euro 6	-14.8			-23.6

WP Group and SulNox Group Plc commissioned Millbrook Proving Ground to undertake trials for a period of three weeks on Mercedes Euro 6 HGV's and that no damage was caused with the introduction of Sulnox into the fuel during the trial process.

## Tested by: -

- Millbrook Proving Ground UK
- Socotec Laboratories UK
- Heilscher Ultrasonics Laboratories Germany
- Unergy Laboratories SA
- Bureau Veritas has certified that fuel treated with ElimiNOX Eco™ retained EN590 Compliance
- Additionally, they measured a 30% increase / improvement in lubricity following dosing the fuel to the recommended 1:2000 ratio



- ElimiNOX Eco™ is unique in the fact it emulsifies free water into the fuel unlike others that demulsify, separating the water which causes corrosion, rust and diesel bug growth
- Improving the Health of Future Generations
- Making Diesel Engines More Efficient
- Reducing Engine Maintenance, Increasing Engine Lifespan
- Eliminating Water Contamination in Stored Diesel Fuels
- A Game Changer for All Diesel Engines

