



**SuINOX**

**Taking you further, faster and cleaner**

The Greentech company providing  
next generation, natural solutions, for immediate  
progression towards carbon neutrality



**SuINOX Group Plc**  
**Land Transportation**

## Who is SulNOx Group Plc?

SulNOx is a Greentech company which specialises in providing responsible solutions towards decarbonisation of liquid hydrocarbon fuels. Our patented fuel additives reduce the production of harmful, environmentally damaging emissions whilst also offering significant cost savings.

SulNOx is a UK Public Limited Company, formed in 2012, trading on the Apex segment of the AQSE (Aquis Stock Exchange) growth market.

## SulNOxEco™ Fuel Conditioners

Our patented fuel additives are unique and made only from sustainable, biodegradable ingredients. Compatible with all diesel and gasoline type fuels and engines, the benefits of using SulNOx include:



### Reduced Costs

Between 8-14% saving across different vehicle types



### Reduced Emissions

Reduction in emissions by up to 30%



### Meet your ESG goals

Transparent and quantifiable results

## What sets us apart?

SulNOx fuel additives are unique and are made only from sustainable, biodegradable ingredients, to emulsify water and increase oxygen availability to the fuel - making it burn cleanly and more efficiently

"Our mission is to provide immediate and tangible progression towards carbon neutrality for hydrocarbon fuel users – saving them money whilst saving the planet."

"Combined benefits allow consumers to realise an overall reduction in operating costs by up to 10%\*"



\* Based on haulage fleet trial data (see case study opposite)

## Case Study: Haulage - 1.27 million miles over 12 months

We have proven savings of more than 8% from third parties in the haulage industry. The Besblock fleet, including 27 brand new Euro VI trucks, have been using SulNOxEco™ Diesel Conditioner in their fuel for 12 months providing "real world" data to support our laboratory test results.



"8% fuel saving and considerably less maintenance & downtime costs whilst also reducing CO<sub>2</sub> emissions"

### Fuel Savings

- 741,258 miles @ 8.1 mpg from April 2020 to March 2021 vs. 535,720 miles @ 7.51 mpg from April 2019 to March 2020 → 8% saving
- AdBlue costs reduced due to reduction in NOx production from improved combustion

### Particulate Matter Filters

- PM filters not changed for 12 months and no issues with PM sensors for 12 months (£350 each) yielding further cost savings
- No limp mode recorded for 12 months, previously a regular monthly occurrence with expensive maintenance and downtime costs

### Emissions Reductions

- CO<sub>2</sub>, particulate matter and other greenhouse gas emissions are all reduced

### Transport Manager Feedback

- Drivers report all trucks running very smoothly and continue to perform well under load



Treated with SulNOx = c. £100k saving per annum c. £4k per truck, per annum with > 30 tonnes of greenhouse gas reduction

## Immediate progression towards carbon neutrality

If you or your company consumes diesel or other liquid hydrocarbon fuels, consider incorporating SulNOx as part of your decarbonisation responsibilities. SulNOx reduces the production of harmful, environmentally damaging greenhouse gas emissions such as CO<sub>2</sub>/NOx (circa 30%), whilst also reducing deadly Particulate Matter (PMs), including soot and smoke (PM2.5 ↓60+% and PM10 ↓50+%).

### Cars & Vans

Car & van drivers can expect to see some of the best improvements in fuel economy when using SulNOx. Just consider the different driving styles spread across a range of petrol, diesel and hybrid vehicles over a variety of driving conditions, ranging from a daily commute, to motorway cruising. It means we all have very different daily experiences with our vehicles. SulNOx can improve all of these situations with documented improvements in fuel economy by as much as 15%.



### Biofuels, E10 & HVO

Alternative, greener sources of fuels are being blended with the fossil fuels that we consume daily. SulNOx has been specially formulated to be compatible to work in tandem with this biocontent to aid stability, improve lubricity and help our progression towards cleaner emissions.



### Warranty and Compatibility

Manufactured by Nouryon BV, SulNOxEco™ Fuel Conditioner is verified by Bureau Veritas to be compatible with all diesel and gasoline type fuels including EN590, EN16709 Biofuels (B20, B30), EN228 gasoline (E5 and E10) and is certified to comply with, and not alter, the specification of any of these fuel types. SulNOxEco™ Fuel Conditioner is the only fuel additive that will not void your engine warranty as it remains fully compliant to recommended engine manufacturer standards.



**Nouryon**

## Case Study: Bus and Coach Operator - E&M Horsburgh

Over 16,000 kms of regular travel routes primarily from Livingston to Edinburgh hospitals using SulNOxEco™ Diesel Conditioner. Real world variations such as driving conditions, traffic, different drivers etc. evidenced a 9% fuel saving/increase in economy, from 12.98mpg to 14.16mpg. This is very significant both economically and environmentally, and corresponds well with evaluations of other vehicle types.

	Hub Start	Hub End	Kms Travelled	Litres Taken	Economy Km/Ltr
Pre-Treatment	0	9,163	9,163	1,659	5.52 [12.98 mpg]
With Treatment	9,163	25,172	16,009	2,661	6.02 [14.16 mpg]
<b>% Fuel Economy Increase</b>					<b>9%</b>

### Fuel Savings

- 2,661 litres taken would have been 2,924 litres taken without the use of SulNOxEco™ Diesel Conditioner
- 263 litres (9%) of fuel saved in one month
- This would typically save £378 at today's fuel prices (October 2021)
- Over the course of one year, each bus can therefore be expected to achieve an efficiency saving of £4,500
- For the entire fleet of 98 vehicles, this will reduce the fuel bill by £441,000 per annum

**"A compelling case for every transport and logistics company"**





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# SulNOx

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### Contact us

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SulNOx is a member of the UK & Ireland Fuel Distributors Association

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