

SCRT[®] Diesel Emissions Reduction

Retrofit to Euro VI Levels

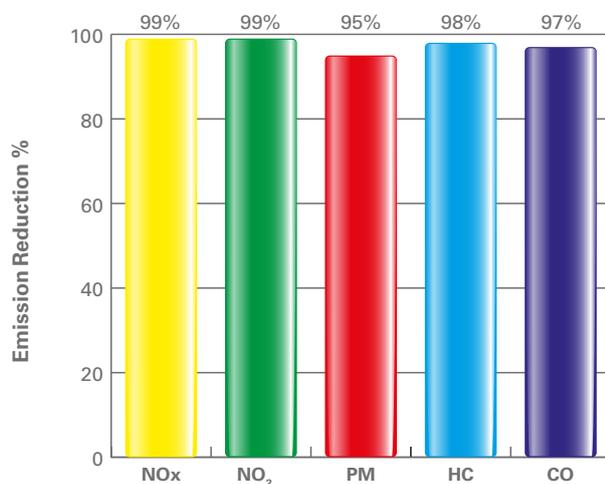


The Eminox SCRT[®] system can be retrofitted to heavy duty vehicles to achieve real world emissions, equivalent to Euro VI. Our latest SCRT[®] technology can deliver NO_x and NO₂ reduction of 99%.

It is approved to the Clean Vehicle Retrofit Accreditation Scheme, as required to upgrade vehicles for the London Ultra Low Emission Zone (ULEZ), Clean Air Zones (CAZ) and Scottish Low Emission Zones.

Original Euro Level	Euro V	Euro VI
Euro II	→	
Euro III	→	
Euro IV	→	
Euro V	→	

SCRT[®] combines CRT[®] (Continuously Regenerating Trap) and SCR (Selective Catalytic Reduction) technology to produce a system which achieves near zero emission of Particulate Matter (PM) by mass and by number, Nitrogen Oxides (NO_x), Nitrogen Dioxide (NO₂), Hydrocarbons (HC) and Carbon Monoxide (CO).

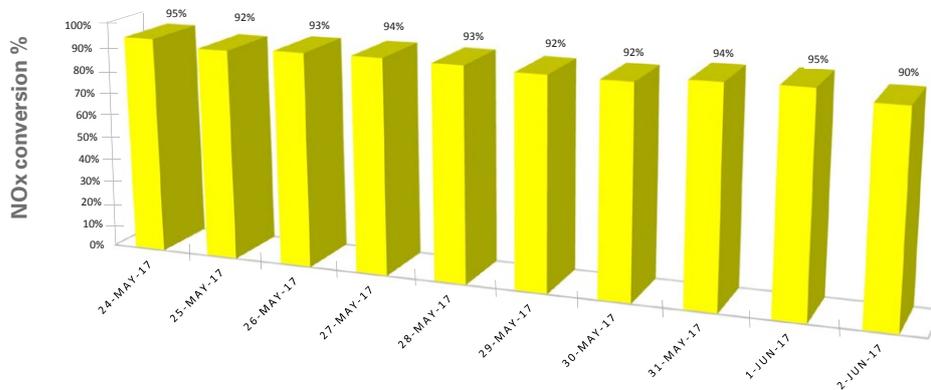


SCRT is now available with a standard AdBlue dosing system or the innovative ASDS[™] (Ammonia Storage Delivery System) from Amminex, for 99% NO_x reduction, even at low operating temperatures, without urea deposit build up.



SCRT® is designed for urban environments and proven in real word operation, it has been used to upgrade thousands of heavy duty vehicles worldwide, including hybrid vehicles.

RealWorld NOx Conversion - Euro 5 Bus with Eminox SCRT® - London In-City Operation



SCRT® is a cost effective way of upgrading vehicles to emissions standards equivalent to Euro VI, for example, around 15 buses can be retrofitted for the cost of one new bus.

Advanced Catalyst Technology

The CRT® component houses a specifically formulated oxidation catalyst and ceramic wall flow filter which traps PM, including ultra-fine particles, to reduce both particulate mass and particulate number. This is followed by an advanced SCR section where AdBlue or ASDS is used to convert NOx into harmless emissions of nitrogen and water, specialist catalyst formulation maximises primary NO₂ reduction.

Unique Mixing Technology

Our unique mixing technology allows extremely close coupling of the CRT® and SCR components, whilst optimising NOx reduction.

Intelligent Design

Our applications engineering team have extensive experience of tailoring systems and configurations to maximise performance for each application, whilst fitting often limited space envelopes. The CRT® and SCR units are a modular design for ease of maintenance.

Guaranteed Performance

Our CADi (Control and Diagnostics interface) integrates with the vehicle's On Board Diagnostics (OBD) to actively manage the system, optimise and monitor performance. Combined with our new telematics solution, you can access real world, real time data on your SCRT® system performance, whenever and wherever you need it. Maintenance alerts can also be provided to allow proactive maintenance.



CRT® and SCRT® are Registered Trademarks of Johnson Matthey plc. ASDS™ is a Trademark of Amminex Emissions Technology

Eminox, Miller Road, Corringham Road Industrial Estate, Gainsborough, DN21 1QB, UK
 Tel: +44 (0)1427 810088 Fax: +44 (0)1427 810061 Email: enquiry@eminox.com



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