

Softening the impact of BSOG changes

In April 2012 the reduction in BSOG by 20% will increase the net fuel price for operators of local bus services by 8.6p/litre. This represents an increase of around 13% over current spot prices even if the oil price remains the same. Under a possible future scenario where BSOG becomes completely decoupled from fuel usage, the net fuel price would effectively rise by a further 47%. The proven fuel saving additive Envirox is an increasingly attractive proposition for local bus service operators planning ahead with BSOG changes in mind.

Stagecoach is now in its seventh year of using Envirox nationally. After overseeing the reintroduction of the additive to its newly acquired London operations at the start of 2011, Stagecoach Director Sam Greer commented: "The fuel additive makes good financial sense for our business." Recent trials with other UK bus operators are showing fuel

savings comparable to the 5% familiar to Stagecoach, and have demonstrated – as might be expected – that these fuel savings complement those that can be achieved with modern driver feedback systems to produce a double benefit.

The company behind the product, Energenics Europe Ltd, was originally a nanotechnology spin out from Oxford University and is still based at one of its science parks where its scientists continue to develop novel advanced materials. Envirox is based on cerium oxide, a well-known industrial oxidation catalyst widely used in catalytic converters. It would not normally be compatible with diesel fuel but using nanotechnology it has been re-engineered into a liquid format which mixes in easily. Dosing systems have been developed which are purpose built for treating bulk fuel in bus depots.

● Visit www.energenics.co.uk

Don't let London LEZ creep up on you

It's getting ever closer when the new rules for the London Low Emission Zone (LEZ) come into force.

From 3 January 2012, all buses and coaches entering Greater London will have to comply with new and stricter LEZ rules, otherwise operators will incur a heavy daily charge or penalty for non-compliance.

Many LEZ non-compliant vehicles need to be retrofitted with a filter as soon as possible to avoid any penalties and charges. HJS Emission Technology offers some very good and robust solutions to comply. HJS is also Europe's foremost manufacturer and innovator of emission control equipment and has been certified to TFL regulations by the VCA for applicable technologies.

HJS offers a comprehensive range of particulate filters and denox systems suitable for both original equipment (OE) and retrofitting in all types of

diesel engines. HJS' unique, low-maintenance and high-performance technologies meet the Euro 3 and Euro 4 standards set by TFL and if applicable also the stringent emission levels laid down to Euro 4/EEV standards.

Its technology has a typical cleaning interval of 120,000 miles – most ceramic type filters could be on their third clean by this time. Furthermore, low servicing costs and extremely low maintenance levels as well as handing some control to the operators are just some of the special features of HJS filters and devices.

For more information and assistance with respect to HJS's comprehensive product range for all types of public transport buses and coaches, please contact the UK representative Gerd van Aaken either by e-mail at gva@hjs.com or by phone on 01344 360173.

● Visit www.hjs.com

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