

Potts: Pride in quality of its engineering

When an engine fails, the options facing an operator might seem limited and expensive. However, Greater Manchester-based E & E Potts has built its reputation supplying quality reconditioned units to customers ranging from subsidiaries of the big groups to local family-owned firms. It prides itself in the quality of its engineering and backs that with thorough pre-delivery testing and a warranty, so its customers come back time and time again.

The firm's engine rebuilding expertise is now widely respected by coach and bus operators that account for around 90% of the firm's business. All engines are dynamometer, smoke emission tested and painted before dispatch.

"This is essential if you want a fully tested engine and the peace of mind that when you fit it you won't be confronted with oil or water leaks," proprietors, Eddie and Brian Potts, about the dynamometer testing. "Our aim is to give the customer a quality

product at a price they feel happy with combined with a warranty guarantee of 12 months."

Dynamometer testing is something for which E & E Potts is particularly proud as it's usually only available from OEM (original equipment manufacturer) suppliers.

Workshop time is always at a premium, so as well as providing a collection and delivery service, the company's engineers will also go 'on site' and take an engine out as well as refit a replacement if required.

"It just keeps rolling," said Brian about the firm's workload. "We have always got work in. No job is the same. It can take five days to refurbish an engine, or 10 depending on what needs to be done."

Said Eddie: "All our people are skilled time-served engineers. We will always turn an engine around for an operator as quickly as is physically possible."

● Visit www.eepottsltd.com

New additive assists the regeneration of DPFs

Envirox DPF Assist is a new offering from Energenics Europe, the Oxford-based producer of the well-known nanotechnology fuel additive Envirox.

Regular Envirox is mainly targeted at saving fuel and is usually supplied in drum quantities to bus depots where it is injected into bulk diesel fuel. However at higher dose levels the active cerium oxide nano-catalyst in Envirox will assist the regeneration of Diesel Particulate Filters (DPFs).

Operational problems with DPFs related to premature blocking continue to be reported, particularly in slow urban driving cycles like London traffic where the exhaust gases do not reach the necessary temperature for a sufficient part of the operating cycle to regenerate the filter. Even in the absence of actual blocking problems, fuel economy tends to worsen because the engine has to work against the back pressure caused by soot build-up in the exhaust system.

As well as the core nano-catalyst, Envirox DPF Assist includes a strong dose of the detergent additive chemistry used by premium fuel retailers to clean fuel injectors and preserve optimal spray patterns. There are two main ways of using it:

- On an occasional basis to assist with a DPF that is already showing signs of blockage – this requires two 25ml measures for 50 litres of diesel fuel

- All the time to combat potential future blockages and achieve enhanced fuel economy – this requires one 25ml measure for 50 litres of diesel fuel.

As the producer of the additive technology, Energenics is able to offer it in this concentrated form which represents excellent value to operators. If used all the time, one 500ml bottle of Envirox DPF Assist will treat 1000 litres of diesel and deliver fuel savings approximately equal to double its cost.

● Visit www.energenics.co.uk

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