

Case study – Euro II motorised horsebox with an Eligible Engine



The diesel Leyland DAF motorised horsebox has a Gross Vehicle Weight of 7,500 kg and was registered for the first time with the DVLA in 1998, which means it is registered as a Euro II vehicle. Despite being registered as a Euro II vehicle the Euro II certified engine met the Euro III Particulate Matter (PM) emissions standard. This is known as an eligible engine. A list of eligible engines can be found at www.tfl.gov.uk/lez.

This vehicle currently meets the LEZ standards. The motorised horsebox will not meet the new LEZ standards coming into affect 3 January 2012. From the 3 January 2012 the horsebox will need to meet the Euro IV PM emissions standard to drive in Greater London without charge.

The owner could replace the vehicle but the value of the horsebox is still high and the replacement cost would be expensive. The owner decides the easiest way to bring it up to the required emissions standard for the LEZ in 2012 is to fit a filter to trap the PM emitted from the vehicle. There are a range of diesel particulate filters that can be fitted. The owner discussed the condition and duty cycle of the vehicle with the supplier to ensure the appropriate filter was fitted. The total cost of fitting the filter was around £3,500.

Only approved filters are accepted by TfL. There is a list of approved filters and supplier contact details available at www.tfl.gov.uk/lez. The owner of the vehicle spoke to several suppliers listed on the website before choosing the solution mentioned above. It is important to do this to ensure you get the best price and because not all filters are suited to all vehicles and operating conditions.

Once the filter is fitted, the owner needs to get a certificate to prove that the filter is working properly. The owner booked his test at his nearest VOSA test station which he found through the VOSA website at <http://www.businesslink.gov.uk/lez>. After the motorised horsebox was tested the owner received a Low Emission Certificate (LEC). The owner waited 10 days until TfL had received the certificate information from VOSA. The horsebox will now meet the new LEZ standards being introduced on 3 January 2012 and can drive within the zone without paying the daily charge.