

Technical bulletin No.	<b>TB/001</b>	Issue No.	<b>001</b>
Date:	<b>19 January 2009</b>		
Associated bulletin No.	N/A	Issue No.	N/A
Eminox Part Number Ref.	<b>All FBC filter after treatment devices.</b>		
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Distribution	All workshops		

Subject: <b>White smoke emissions from FBC</b>
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Hydrocarbon emissions are produced in diesel engines as a result of normal combustion.

When the vehicle has been operated at low speed/idle for prolonged periods, prior to being operated at higher speeds and loads (which raises the exhaust temperature), some of the hydrocarbons that have temporarily accumulated on the filter will be released as visible white smoke. Avoiding prolonged periods at idle and low load from a cold start will also reduce the possibility of white smoke emissions.

Hydrocarbons **are not** produced by fitting an FBC system to a vehicle. To reduce the possibility of white smoke emissions it is **extremely** important that the engine is maintained in line with the manufacturers' recommendations.

Potential sources of excess hydrocarbons are:

- Worn turbocharger seals
- Incorrect maximum fuelling adjustment
- Incorrect injection timing setting
- Worn injectors leading to poor fuel spray patterns etc

These issues **must** be corrected as soon as possible – your inspection service should pick them up.

Information regarding Diesel Engine Exhaust Emissions can also be found here – <http://www.hse.gov.uk/pubns/indg286.htm>