



Eligible Engines List

Guidance Notes



About the List

This list has been compiled with vehicle and engine manufacturers. It provides details of all Euro I or II certified engines installed in vehicles (first registered before 1 October 2001) which have been approved by Transport for London (TfL) as being able to meet the LEZ emissions standards of Euro III for Particulate Matter. These engines are potentially eligible for a Low Emissions Certificate (LEC) or Reduced Pollution Certificate (RPC), provided they pass a regular inspection and test by the Vehicle & Operator Services Agency (VOSA).

These engines will only meet the Euro III standard for Particulate Matter from 2008 to 2011, but will NOT meet the London Low Emission Zone (LEZ) emissions standard in 2012, when the standard is tightened to Euro IV for Particulate Matter. From January 2012 these vehicles would have to be modified in order to continue to drive within the LEZ without charge, even if they continue to be in receipt of a Reduced Pollution Certificate (RPC) for Vehicle Excise Duty purposes.

How to Identify Your Engine on the List

Step 1. Confirm that your vehicle engine is on the Eligible engines list.

Check if your vehicle engine has an engine model that is listed on the Eligible engines list:

Engine Model
3126
3126 ATAAC 275
3126 ATAAC 300
3126B
3126B ATAAC 275
3126B ATAAC 300
3176B
3176B / 3176B ATAA
3176B / 3176B ATAA

You can identify the engine model from the engine identification plate or manufacturer's documentation. The engine identification plate is usually attached to the engine itself.

The Eligible engines list is sorted alphabetically by engine manufacturer.

You can also search electronically for your engine model by clicking on "search" at the top of this list. Then type in the first 4 digits of your engine model, followed by "search". The search result will bring up all the engine models starting with the first 4 digits you have entered.

You must check your engine model against the Eligible engines list and it must **EXACTLY MATCH** for the engine to be eligible.

If you have not found your exact engine model in this list, it is **NOT eligible** (see page 3).



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Step 2. Book a test with VOSA

Once you have confirmed that your vehicle's engine is on the Eligible engines list, then you will need to call VOSA on 0870 60 60 440 and book a Low Emissions or Reduced Pollution test.

The VOSA test will be a 2 part test – a physical inspection of the vehicle (confirmation that the engine model is on the Eligible engines list) and a free acceleration smoke test which will confirm whether the vehicle engine is operating within the certified smoke limit and performing as it was initially manufactured to do.

After you have booked your test, VOSA will send/fax/email you a check list to assist you in preparing your vehicle for the LEC/RPC test.

Step 3. Prepare your vehicle for the inspection

On the day of the LEC or RPC test, the vehicle presenter needs to ensure that they can:

- 3.1 Tilt the cab/remove panels and reinstate based on the manufacturers instructions when required to access the engine plate.
- 3.2 Indicate where the engine plate is, ready for the physical inspection.

3.3 On the engine plate, indicate the engine model of the vehicle and where it is referenced on the TfL Eligible engines list to the Vehicle examiner

3.4 If it is not possible to see the engine type because the cab is not designed to be tilted, or if the engine plate is missing or obscured, please present at the start of the test a letter from the vehicle manufacturer (not local dealer), showing the original engine type and engine model as written on the TfL Eligible engines list. VOSA staff will then assess whether an eligible engine is still fitted.

VOSA will then complete the remainder of the test and provided the vehicle passes both elements, will issue either a RPC or a LEC which must be renewed annually.

Provided you have prepared the vehicle for the inspection, the LEC/RPC test can be completed in 10 minutes.

TfL will automatically be advised by VOSA if the vehicle has passed the test, so there is no need to register with TfL. It can take up to 10 days before TfL's database is updated to show that the vehicle has passed the test and therefore meets the required LEZ emissions standards. Please allow enough time for this before travelling within the zone. The LEZ compliance status for your vehicle can be checked on the TfL website:

www.tfl.gov.uk/lezlondon.



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What if my vehicle has been examined by VOSA and has failed the LEC/RPC test?

In the event of the engine failing the smoke test on an Eligible engine, you must either replace or rebuild the engine (or fuel system) OR fit an approved abatement device on the TfL RPC or LEC approved device lists.

What if my vehicle's engine is not on the TfL Eligible Engines List?

If the vehicle engine is certified to Euro II standard or earlier and is not on the Eligible Engines List, it will **NOT** meet the LEZ emissions standards without modification. Do not book a LEC/RPC test from VOSA as they will issue a Notification of Failure to issue a LEC/RPC.

If your vehicle is classified by TfL as not meeting the LEZ emissions standards, but you can provide documentary evidence to show that your vehicle in fact meets the standards, you will need to register the vehicle with TfL - for example if your vehicle is fitted with a Euro 3 certified engine but was first registered before October 1 2001.

Legal Disclaimer

The information contained in this list was obtained from vehicle manufacturers and is supplied only for the purposes of assisting members of the public seeking information about compliance with the Greater London Low Emission Zone scheme (LEZ). Transport for London accepts no responsibility for the accuracy or completeness of the information, or for compliance of any individual vehicle with the LEZ.

Customers who believe that their vehicle meets the emissions standards defined in the LEZ scheme order but whose vehicle engine is not listed here, or who believe that their vehicle is wrongly categorised, should contact TfL on 0845 607 0009.



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3126 ATAAC 300
3126B
3126B ATAAC 275
3126B ATAAC 300
3176B
3176B / 3176B ATAA
3176B / 3176B ATAA

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Eligible Engines List

for engines manufactured by: **Caterpillar**



Engine Make and Model <i>must match exactly</i>		approximate capacity - horsepower	Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use) Resulting PM value and Euro class value.	Tick Box (P/M/G)	Possibly RPC eligible?
Caterpillar		3126					
Caterpillar	3126 ATAAC 275	7200 cc 275 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Caterpillar	3126 ATAAC 300	7200 cc 300 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Caterpillar		3126B					
Caterpillar	3126B ATAAC 275	7200 cc 275 HP	No trap, standard exhaust fitted.	1.52m-1	0.16 g/kWh Euro 3 PM	M	no
Caterpillar	3126B ATAAC 300	7200 cc 300 HP	No trap, standard exhaust fitted.	1.32m-1	0.16 g/kWh Euro 3 PM	M	no
Caterpillar		3176B					
Caterpillar	3176B / 3176B ATAAC 350	7200 cc 350 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Caterpillar	3176B / 3176B ATAAC 365	7200 cc 365 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Caterpillar		3406E					
Caterpillar	3406E ATAAC 455	14600 cc 455 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Caterpillar	3406E ATAAC 550	14600 cc 550 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Caterpillar		C10					
Caterpillar	C10 ATAAC 325 ar 148-2058	10300 cc 325 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Caterpillar	C10 ATAAC 325 EXCEPT ar 148-2058	10300 cc 325 HP	No trap, standard exhaust fitted.	0.91m-1	0.16 g/kWh Euro 3 PM	M	no
Caterpillar	C10 ATAAC 350	10300 cc 350 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Caterpillar	C10 ATAAC 365 ar 148-2060	10300 cc 365 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Caterpillar	C10 ATAAC 365 EXCEPT ar 148-2060	10300 cc 365 HP	No trap, standard exhaust fitted.	0.98m-1	0.16 g/kWh Euro 3 PM	M	no

NOTE: VOSA will check the Engine Model exactly matches that stated here, and that any instructions are met exactly. Only engines that meet these conditions are eligible for a smoke test. The measured smoke value must be less than the limit stated for that engine to qualify for a certificate. Engine hp and cc values are guides only, and do NOT need to match exactly. Engines indicated as "possibly RPC engine" may qualify for an RPC certificate subject to the vehicle VED tax classification.



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for engines manufactured by: **Caterpillar**



Engine Make and Model <i>must match exactly</i>		approximate capacity - horsepower		Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use)		Possibly RPC eligible?
						Resulting PM value and Euro class value.	Tick Box (P/M/G)	
Caterpillar	C12							
Caterpillar	C12 ATAAC 335	<i>12000 cc</i>	<i>335 HP</i>	No trap, standard exhaust fitted.	0.80m-1	0.08 g/kWh Euro 3 PM	M	yes
Caterpillar	C12 ATAAC 380	<i>12000 cc</i>	<i>380 HP</i>	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Caterpillar	C12 ATAAC 380 ar 148-2099	<i>12000 cc</i>	<i>380 HP</i>	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Caterpillar	C12 ATAAC 380 EXCEPT ar 148-2099	<i>12000 cc</i>	<i>380 HP</i>	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Caterpillar	C12 ATAAC 410	<i>10300 cc</i>	<i>410 HP</i>	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes

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Eligible Engines List

for engines manufactured by: Cummins



Engine Make and Model <i>must match exactly</i>		approximate capacity - horsepower	Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use) Resulting PM value and Euro class value.	Tick Box (P/M/G)	Possibly RPC eligible?
Cummins		B Series					
Cummins	B130 20	5900 cc 130 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Cummins	B215 20	5900 cc 215 HP	ERF TRUCK installations only. No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
			SEDDON ATKINSON TRUCK installations only. No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Cummins	B235 20	5900 cc 235 HP	DENNIS EAGLE installations only. No trap, standard exhaust fitted.	0.93m-1	0.16 g/kWh Euro 3 PM	M	no
			ERF TRUCK installations only. No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
			FODEN TRUCK installations only. No trap, standard exhaust fitted.	0.93m-1	0.16 g/kWh Euro 3 PM	M	no
Cummins	B235 20 (DAF)	5900 cc 235 HP	DAF / PACCAR installations only. No trap, standard exhaust fitted.	0.95m-1	0.16 g/kWh Euro 3 PM	M	no
Cummins		C Series					
Cummins	C245 20	8270 cc 245 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/Kwh Euro 3 PM	M	no
Cummins	C300 20	8300 cc 300 HP	No trap, standard exhaust fitted.	1.26m-1	0.16 g/kWh Euro 3 PM	M	no

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Eligible Engines List

for engines manufactured by: Cummins



Engine Make and Model <i>must match exactly</i>		approximate capacity - horsepower	Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use) Resulting PM value and Euro class value.	Tick Box (P/M/G)	Possibly RPC eligible?
Cummins		ISM					
Cummins	ISM 305E 20	11000 cc 305 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Cummins	ISM 305E 21	11000 cc 305 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Cummins	ISM 305ESP 22	11000 cc 305 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Cummins	ISM 340E 20	11000 cc 340 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Cummins	ISM 380E 20	11000 cc 380 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Cummins	ISM 405E 20	11000 cc 405 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Cummins	ISM 410E 20	11000 cc 410 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Cummins	ISM 440E 20	11000 cc 440 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Cummins	ISM M380E 20	11000 cc 380 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Cummins		L10					
Cummins	L10 350E or L350E	10000 cc 350 HP	No trap, standard exhaust fitted.	0.80m-1	0.08 g/kWh Euro 3 PM	M	yes
Cummins		M11					
Cummins	M305E 20	11000 cc 305 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Cummins	M305E 21	11000 cc 305 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Cummins	M305E SP 22	11000 cc 305 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Cummins	M340E 20	11000 cc 340 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Cummins	M380E 20	11000 cc 380 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Cummins	M405E 20	11000 cc 405 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Cummins	M410E 20	11000 cc 410 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Cummins	M440E 20	11000 cc 440 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Cummins		N series					
Cummins	N530E 20 (DAF VF 390)	14016 cc 530 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no

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Eligible Engines List

for engines manufactured by: **Daf / Paccar**



Engine Make and Model <i>must match exactly</i>	approximate capacity - horsepower	Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use) Resulting PM value and Euro class value.	Tick Box (P/M/G)	Possibly RPC eligible?
Daf / Paccar	300					
Daf / Paccar 306	5900 cc 130 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Daf / Paccar 342	5900 cc 235 HP	DAF / PACCAR installations only. No trap, standard exhaust fitted.	0.95m-1	0.16 g/kWh Euro 3 PM	M	no
Daf / Paccar	CS					
Daf / Paccar CS173M	5900 cc 230 HP	DAF / PACCAR installations only. No trap, standard exhaust fitted.	0.95m-1	0.16 g/kWh Euro 3 PM	M	no
Daf / Paccar CS97M	5900 cc 130 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Daf / Paccar	NS					
Daf / Paccar NS 177M	6300 cc 240 HP	No trap, standard exhaust fitted.	1.05m-1	0.16 g/kWh Euro 3 PM	M	no
Daf / Paccar	PF					
Daf / Paccar PF 183M	9186 cc 250 HP	Catalytic silencer fitted. See 47 RPC schedule C and note 6. No trap, standard exhaust fitted.	0.40m-1 0.80m-1	0.08 g/kWh Euro 3 PM 0.16 g/kWh Euro 3 PM	M M	yes no
Daf / Paccar PF 212M	9186 cc 290 HP	Catalytic silencer fitted. See 46 RPC schedule C and note 6. No trap, standard exhaust fitted.	0.40m-1 0.80m-1	0.08 g/kWh Euro 3 PM 0.16 g/kWh Euro 3 PM	M M	yes no
Daf / Paccar PF 235M	9186 cc 320 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Daf / Paccar PF 235M with fuel pump 1392167 only	9186 cc 320 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Daf / Paccar	VF					
Daf / Paccar VF 390 (Cummins N530E 20)	14016 cc 530 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no

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Daf / Paccar	XF						
Daf / Paccar	XF 250M	12580 cc 340 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Daf / Paccar	XF 250M with fuel pump 1386041 only	12580 cc 340 HP	Catalytic silencer fitted. See 40 RPC schedule C and note 6.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Daf / Paccar	XF 280M	12580 cc 380 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Daf / Paccar	XF 280M with fuel pump 1386040 only	12580 cc 380 HP	Catalytic silencer. See 41 at RPC schedule C and note 6.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Daf / Paccar	XF 315M	12580 cc 430 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Daf / Paccar	XF 315M with fuel pump 1386039 only	12580 cc 430 HP	Catalytic silencer fitted. See 42 RPC schedule C and note 6.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Daf / Paccar	XF 355M	12580 cc 480 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Daf / Paccar	XF 355M with fuel pump 1392169 only	12580 cc 480 HP	Catalytic silencer fitted. See 43 RPC schedule C and note 6.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes

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Detroit Diesel	6067								
Detroit Diesel	6067 GK28	- CC	HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3	PM	M	yes
Detroit Diesel	6067 GK60	- CC	HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3	PM	M	yes
Detroit Diesel	6067 GK62	- CC	HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3	PM	M	yes
Detroit Diesel	6067 PK62	- CC	- HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3	PM	M	yes
Detroit Diesel	6067 TK62	- CC	- HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3	PM	M	yes
Detroit Diesel	CWC								
Detroit Diesel	CWC 0630/2/3	- CC	- HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3	PM	M	yes

NOTE: VOSA will check the Engine Model exactly matches that stated here, and that any instructions are met exactly. Only engines that meet these conditions are eligible for a smoke test. The measured smoke value must be less than the limit stated for that engine to qualify for a certificate. Engine hp and cc values are guides only, and do NOT need to match exactly. Engines indicated as "possibly RPC engine" may qualify for an RPC certificate subject to the vehicle VED tax classification.



Eligible Engines List

for engines manufactured by: **Isuzu**



Engine Make and Model <i>must match exactly</i>	approximate capacity - horsepower	Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use) Resulting PM value and Euro class value.	Tick Box (P/M/G)	Possibly RPC eligible?
Isuzu Isuzu 4HE1-XN	4H 4751 cc 131 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no

NOTE: VOSA will check the Engine Model exactly matches that stated here, and that any instructions are met exactly. Only engines that meet these conditions are eligible for a smoke test. The measured smoke value must be less than the limit stated for that engine to qualify for a certificate. Engine hp and cc values are guides only, and do NOT need to match exactly. Engines indicated as "possibly RPC engine" may qualify for an RPC certificate subject to the vehicle VED tax classification.



Eligible Engines List

for engines manufactured by: **Iveco**



Engine Make and Model <i>must match exactly</i>		approximate capacity - horsepower	Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use) Resulting PM value and Euro class value.		Tick Box (P/M/G)	Possibly RPC eligible?
Iveco		8460						
Iveco	8460 41 C	9498 cc	- HP No trap, standard exhaust fitted.	1.30m-1	0.16 g/kWh Euro 3	PM	M	no
Iveco	8460 41 N	9498 cc	- HP No trap, standard exhaust fitted.	1.31m-1	0.16 g/kWh Euro 3	PM	M	no
Iveco	8460.41 L*6352-00501L	9498 cc	- HP No trap, standard exhaust fitted. (Euro 2 engine only. Note that full model designation must match exactly and the 8460.41L Euro 1 engine is NOT eligible.)	1.30m-1	0.16 g/kWh Euro 3	PM	M	no
Iveco		Cursor						
Iveco	F2BE0681 A Cursor 350	7800 cc	350 HP No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3	PM	M	yes
Iveco	F2BE0681 B Cursor 310	7790 cc	310 HP No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3	PM	M	yes
Iveco	F2BE0681 C Cursor 270	7800 cc	270 HP No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3	PM	M	yes
Iveco	F2BE0681 D Cursor 240	7800 cc	240 HP No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3	PM	M	yes
Iveco	F3AE0681 D Cursor 430	10000 cc	430 HP No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3	PM	M	yes
Iveco	F3AE0681 E Cursor 390	10000 cc	390 HP No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3	PM	M	yes

NOTE: VOSA will check the Engine Model exactly matches that stated here, and that any instructions are met exactly. Only engines that meet these conditions are eligible for a smoke test. The measured smoke value must be less than the limit stated for that engine to qualify for a certificate. Engine hp and cc values are guides only, and do NOT need to match exactly. Engines indicated as "possibly RPC engine" may qualify for an RPC certificate subject to the vehicle VED tax classification.



Eligible Engines List

for engines manufactured by: **MAN**



Engine Make and Model <i>must match exactly</i>		approximate capacity - horsepower	Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use) Resulting PM value and Euro class value.	Tick Box (P/M/G)	Possibly RPC eligible?
MAN D0826							
MAN	D0826LF11	6871 cc 217 HP	No trap, standard exhaust fitted.	1.00m-1	0.16 g/kWh Euro 3 PM	M	no
MAN	D0826LF15	6871 cc 217 HP	No trap, standard exhaust fitted.	1.00m-1	0.16 g/kWh Euro 3 PM	M	no
MAN	D0826LFG15	6871 cc 217 HP	No trap, standard exhaust fitted.	1.00m-1	0.16 g/kWh Euro 3 PM	M	no
MAN	D0826LFL03	6871 cc 217 HP	No trap, standard exhaust fitted.	1.00m-1	0.16 g/kWh Euro 3 PM	M	no
MAN	D0826LFO01	6871 cc 220 HP	No trap, standard exhaust fitted.	1.00m-1	0.16 g/kWh Euro 3 PM	M	no
MAN	D0826LOH09	6871 cc 220 HP	No trap, standard exhaust fitted.	1.00m-1	0.16 g/kWh Euro 3 PM	M	no
MAN	D0826LOH15	6871 cc 220 HP	No trap, standard exhaust fitted.	1.00m-1	0.16 g/kWh Euro 3 PM	M	no
MAN	D0826LOH17	6871 cc 217 HP	No trap, standard exhaust fitted.	1.12m-1	0.16 g/kWh Euro 3 PM	M	no
MAN	D0826LUH11	6871 cc 220 HP	No trap, standard exhaust fitted.	1.12m-1	0.16 g/kWh Euro 3 PM	M	no
MAN	D0826LUH12	6871 cc 260 HP	No trap, standard exhaust fitted.	1.12m-1	0.16 g/kWh Euro 3 PM	M	no
MAN	D0826LUH13	6871 cc 260 HP	No trap, standard exhaust fitted.	0.90m-1	0.16 g/kWh Euro 3 PM	M	no
MAN D0836							
MAN	D0836LF02 (196 kW)	6871 cc 263 HP	No trap, standard exhaust fitted.	1.10m-1	0.16 g/kWh Euro 3 PM	M	no
MAN	D0836LFL04 (196kW)	6871 cc 263 HP	No trap, standard exhaust fitted.	1.10m-1	0.16 g/kWh Euro 3 PM	M	no
MAN D2066							
MAN	D2066LF06 (294kW)	10518 cc 394 HP	No trap, standard exhaust fitted.	1.40m-1	0.16 g/kWh Euro 3 PM	M	no
MAN	D2066LF07 (265kW)	10518 cc 355 HP	No trap, standard exhaust fitted.	1.30m-1	0.16 g/kWh Euro 3 PM	M	no
MAN D2676							
MAN	D2676LF03 (353kW)	- cc 473 HP	No trap, standard exhaust fitted.	1.20m-1	0.16 g/kWh Euro 3 PM	M	no
MAN	D2676LF04 (324kW)	- cc 434 HP	No trap, standard exhaust fitted.	1.20m-1	0.16 g/kWh Euro 3 PM	M	no
MAN D2865							
MAN	D2865LOH09	9973 cc 310 HP	No trap, standard exhaust fitted.	0.90m-1	0.16 g/kWh Euro 3 PM	M	no

NOTE: VOSA will check the Engine Model exactly matches that stated here, and that any instructions are met exactly. Only engines that meet these conditions are eligible for a smoke test. The measured smoke value must be less than the limit stated for that engine to qualify for a certificate. Engine hp and cc values are guides only, and do NOT need to match exactly. Engines indicated as "possibly RPC engine" may qualify for an RPC certificate subject to the vehicle VED tax classification.



Eligible Engines List

for engines manufactured by: MAN



Engine Make and Model <i>must match exactly</i>		approximate capacity - horsepower	Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use) Resulting PM value and Euro class value.	Tick Box (P/M/G)	Possibly RPC eligible?
MAN		D2866					
MAN	D2866LF36	11957 cc 306 HP	No trap, standard exhaust fitted.	1.00m-1	0.16 g/kWh Euro 3 PM	M	no
MAN	D2866LF37	11967 cc 355 HP	No trap, standard exhaust fitted.	1.00m-1	0.16 g/kWh Euro 3 PM	M	no
MAN	D2866LF39	11967 cc 355 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
MAN	D2866LF40	11967 cc 404 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
MAN	D2866LF41	11967 cc 404 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
MAN	D2866LF43	11967 cc 355 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
MAN	D2866LOH26	11967 cc 350 HP	No trap, standard exhaust fitted.	0.90m-1	0.16 g/kWh Euro 3 PM	M	no
MAN		D2876					
MAN	D2876LF01	12816 cc 453 HP	No trap, standard exhaust fitted.	1.30m-1	0.16 g/kWh Euro 3 PM	M	no
MAN	D2876LF05	12816 cc 510 HP	No trap, standard exhaust fitted.	1.30m-1	0.16 g/kWh Euro 3 PM	M	no
MAN	D2876LF06	12816 cc 453 HP	No trap, standard exhaust fitted.	1.30m-1	0.16 g/kWh Euro 3 PM	M	no
MAN	D2876LF07	12816 cc 510 HP	No trap, standard exhaust fitted.	1.30m-1	0.16 g/kWh Euro 3 PM	M	no
MAN	D2876LF10	12816 cc 453 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
MAN	D2876LF11	12816 cc 453 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
MAN	D2876LF20 (375kW)	12816 cc 503 HP	No trap, standard exhaust fitted.	1.30m-1	0.16 g/kWh Euro 3 PM	M	no

NOTE: VOSA will check the Engine Model exactly matches that stated here, and that any instructions are met exactly. Only engines that meet these conditions are eligible for a smoke test. The measured smoke value must be less than the limit stated for that engine to qualify for a certificate. Engine hp and cc values are guides only, and do NOT need to match exactly. Engines indicated as "possibly RPC engine" may qualify for an RPC certificate subject to the vehicle VED tax classification.



Eligible Engines List

for engines manufactured by: Mercedes



Engine Make and Model <i>must match exactly</i>		approximate capacity - horsepower	Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use) Resulting PM value and Euro class value.		Tick Box (P/M/G)	Possibly RPC eligible?
Mercedes		OM366						
Mercedes	OM366 LA II/5	- cc 208 HP	No trap, standard exhaust fitted.	2.10m-1	0.16 g/kWh Euro 2	PM	M	no
Mercedes		OM441						
Mercedes	OM441 LA I/11 (250kW)	10964 cc 335 HP	No trap, standard exhaust fitted.	1.70m-1	0.16 g/kWh Euro 3	PM	M	no
Mercedes		OM457						
Mercedes	OM457 hLA II/6 (260kW)	11967 cc 349 HP	No trap, standard exhaust fitted.	1.00m-1	0.16 g/kWh Euro 3	PM	M	no
Mercedes	OM457 hLA II/7 (300kW)	11967 cc 402 HP	No trap, standard exhaust fitted.	1.00m-1	0.16 g/kWh Euro 3	PM	M	no
Mercedes	OM457 LA II/2 (260kW)	11967 cc 349 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3	PM	M	no
Mercedes	OM457 LA II/3 (310kW)	11967 cc 416 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3	PM	M	no
Mercedes		OM501						
Mercedes	OM501 LA II/1	11946 cc 230 HP	No trap, standard exhaust fitted.	1.80m-1	0.16 g/kWh Euro 3	PM	M	no
Mercedes	OM501 LA II/2	11946 cc 230 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3	PM	M	yes
Mercedes	OM501 LA II/3	11946 cc 389 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3	PM	M	yes
Mercedes	OM501 LA II/4	11946 cc 422 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3	PM	M	yes
Mercedes		OM502						
Mercedes	OM502 LA II/1	15928 cc 350 HP	No trap, standard exhaust fitted.	1.80m-1	0.16 g/kWh Euro 3	PM	M	no
Mercedes	OM502 LA II/2	15928 cc 390 HP	No trap, standard exhaust fitted.	1.80m-1	0.16 g/kWh Euro 3	PM	M	no
Mercedes	OM502 LA II/3	15928 cc 420 HP	No trap, standard exhaust fitted.	1.80m-1	0.16 g/kWh Euro 3	PM	M	no
Mercedes	OM502 LA II/5 (350kW)	15900 cc 449 HP	No trap, standard exhaust fitted.	1.20m-1	0.16 g/kWh Euro 3	PM	M	no
Mercedes	OM502 LA II/6 (400kW)	15900 cc 536 HP	No trap, standard exhaust fitted.	1.20m-1	0.16 g/kWh Euro 3	PM	M	no

NOTE: VOSA will check the Engine Model exactly matches that stated here, and that any instructions are met exactly. Only engines that meet these conditions are eligible for a smoke test. The measured smoke value must be less than the limit stated for that engine to qualify for a certificate. Engine hp and cc values are guides only, and do NOT need to match exactly. Engines indicated as "possibly RPC engine" may qualify for an RPC certificate subject to the vehicle VED tax classification.



Eligible Engines List

for engines manufactured by: Mercedes



Engine Make and Model <i>must match exactly</i>		approximate capacity - horsepower	Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use) Resulting PM value and Euro class value.	Tick Box (P/M/G)	Possibly RPC eligible?
Mercedes		OM904					
Mercedes	OM904 LA II/1	4249 cc 170 HP	No trap, standard exhaust fitted.	2.30m-1	0.16 g/kWh Euro 3 PM	M	no
Mercedes	OM904 LA II/3	4249 cc 134 HP	No trap, standard exhaust fitted.	1.30m-1	0.16 g/kWh Euro 3 PM	M	no
Mercedes	OM904 LA II/4	4249 cc 125 HP	No trap, standard exhaust fitted.	1.30m-1	0.16 g/kWh Euro 3 PM	M	no
Mercedes	OM904 LA II/8	4249 cc 150 HP	No trap, standard exhaust fitted.	1.20m-1	0.16 g/kWh Euro 3 PM	M	no
Mercedes	OM904 LA III/3	4249 cc 170 HP	No trap, standard exhaust fitted.	1.30m-1	0.16 g/kWh Euro 3 PM	M	no
Mercedes		OM906					
Mercedes	OM906 LA II/1	6374 cc 228 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Mercedes	OM906 LA II/3	6374 cc 275 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes

NOTE: VOSA will check the Engine Model exactly matches that stated here, and that any instructions are met exactly. Only engines that meet these conditions are eligible for a smoke test. The measured smoke value must be less than the limit stated for that engine to qualify for a certificate. Engine hp and cc values are guides only, and do NOT need to match exactly. Engines indicated as "possibly RPC engine" may qualify for an RPC certificate subject to the vehicle VED tax classification.



Eligible Engines List

for engines manufactured by: Renault



Engine Make and Model <i>must match exactly</i>		approximate capacity - horsepower	Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use) Resulting PM value and Euro class value.	Tick Box (P/M/G)	Possibly RPC eligible?
Renault	MIDR						
Renault	MIDR 062356 B41 (288kW)	11116 cc 386 HP	No trap, standard exhaust fitted.	2.20m-1	0.16 g/kWh Euro 3 PM	M	no
Renault	MIDR 062356 B43 (303kW Common Rail)	11116 cc 406 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Renault	MIDR 062465 A42 (287kW)	11929 cc 385 HP	No trap, standard exhaust fitted.	1.20m-1	0.16 g/kWh Euro 3 PM	M	no
Renault	MIDR 062465 A46 (295 kW Mack Unit Pump)	11929 cc 396 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Renault	MIDR 062465 B42 (314 kW)	11929 cc 421 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Renault	MIDR 062465 B46 (324 kW Mack Unit Pump)	11929 cc 434 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Renault	MIDR 062465 C46 (347 kW Mack Unit Pump)	11929 cc 465 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes

NOTE: VOSA will check the Engine Model exactly matches that stated here, and that any instructions are met exactly. Only engines that meet these conditions are eligible for a smoke test. The measured smoke value must be less than the limit stated for that engine to qualify for a certificate. Engine hp and cc values are guides only, and do NOT need to match exactly. Engines indicated as "possibly RPC engine" may qualify for an RPC certificate subject to the vehicle VED tax classification.



Eligible Engines List

for engines manufactured by: Scania



Engine Make and Model <i>must match exactly</i>		approximate capacity - horsepower	Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use) Resulting PM value and Euro class value.	Tick Box (P/M/G)	Possibly RPC eligible?
Scania							
DC11							
Scania	DC 1101	10640 cc 340 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Scania	DC 1102	10640 cc 380 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Scania	DC 1107	10640 cc 320 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Scania							
DSC12							
Scania	DSC 1201	11705 cc 400 HP	No trap, standard exhaust fitted.	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Scania	DSC 1205	11705 cc 420 HP	No trap, standard exhaust fitted.	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Scania							
DSC14							
Scania	DSC 1415	14190 cc 460 HP	No trap, standard exhaust fitted.	0.85m-1	0.16 g/kWh Euro 3 PM	M	no

NOTE: VOSA will check the Engine Model exactly matches that stated here, and that any instructions are met exactly. Only engines that meet these conditions are eligible for a smoke test. The measured smoke value must be less than the limit stated for that engine to qualify for a certificate. Engine hp and cc values are guides only, and do NOT need to match exactly. Engines indicated as "possibly RPC engine" may qualify for an RPC certificate subject to the vehicle VED tax classification.



Eligible Engines List

for engines manufactured by: Volvo



Engine Make and Model <i>must match exactly</i>	approximate capacity - horsepower	Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use) Resulting PM value and Euro class value. Tick Box (P/M/G)	Possibly RPC eligible?
Volvo	D10A				
Volvo	D10A 245 EC96	9603 cc 245 HP	No trap, standard exhaust fitted. (For information only engine may be marked either engine data set 425814 OR property version 425900).	0.80m-1	0.16 g/kWh Euro 3 PM M no

NOTE: VOSA will check the Engine Model exactly matches that stated here, and that any instructions are met exactly. Only engines that meet these conditions are eligible for a smoke test. The measured smoke value must be less than the limit stated for that engine to qualify for a certificate. Engine hp and cc values are guides only, and do NOT need to match exactly. Engines indicated as "possibly RPC engine" may qualify for an RPC certificate subject to the vehicle VED tax classification.



Eligible Engines List

for engines manufactured by: Volvo



Engine Make and Model <i>must match exactly</i>		approximate capacity - horsepower	Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use) Resulting PM value and Euro class value.		Tick Box (P/M/G)	Possibly RPC eligible?
Volvo	D12A							
Volvo	D12A 340 EC93	12130 cc 340 HP	No trap, standard exhaust fitted. (For information only engine may be marked property version 1677322)	0.86m-1	0.16 g/kWh Euro 3	PM	M	no
			No trap, standard exhaust fitted. (For information only engine may be marked property version 3964310)	0.86m-1	0.16 g/kWh Euro 3	PM	M	no
Volvo	D12A 340 EC96	12130 cc 340 HP	BUS installations. No trap, standard exhaust. (For information only engine may be marked property version 1677323)	0.92m-1	0.16 g/kWh Euro 3	PM	M	no
			BUS installations. No trap, standard exhaust. (For information only engine may be marked property version 3964311)	0.92m-1	0.16 g/kWh Euro 3	PM	M	no
			TRUCK installations. No trap, standard exhaust. (For information only engine may be marked property version 1677323)	0.86m-1	0.16 g/kWh Euro 3	PM	M	no
			TRUCK installations. No trap, standard exhaust. (For information only engine may be marked property version 3964311)	0.86m-1	0.16 g/kWh Euro 3	PM	M	no
Volvo	D12A 380 EC93	12130 cc 380 HP	No trap, standard exhaust fitted. (For information only engine may be marked property version 1677129)	0.86m-1	0.16 g/kWh Euro 3	PM	M	no
			No trap, standard exhaust fitted. (For information only engine may be marked property version 3964312)	0.86m-1	0.16 g/kWh Euro 3	PM	M	no

NOTE: VOSA will check the Engine Model exactly matches that stated here, and that any instructions are met exactly. Only engines that meet these conditions are eligible for a smoke test. The measured smoke value must be less than the limit stated for that engine to qualify for a certificate. Engine hp and cc values are guides only, and do NOT need to match exactly. Engines indicated as "possibly RPC engine" may qualify for an RPC certificate subject to the vehicle VED tax classification.



Eligible Engines List

for engines manufactured by: Volvo



Engine Make and Model <i>must match exactly</i>	approximate capacity - horsepower	Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use)		Possibly RPC eligible?
				Resulting PM value and Euro class value.	Tick Box (P/M/G)	
Volvo D12A 380 EC96	<i>12130 cc 380 HP</i>	BUS installations. No trap, standard exhaust. (For information only engine may be marked property version 1677066)	0.92m-1	0.16 g/kWh Euro 3 PM	M	no
		BUS installations. No trap, standard exhaust. (For information only engine may be marked property version 3964313)	0.92m-1	0.16 g/kWh Euro 3 PM	M	no
		TRUCK installations. No trap, standard exhaust. (For information only engine may be marked property version 1677066)	0.86m-1	0.16 g/kWh Euro 3 PM	M	no
		TRUCK installations. No trap, standard exhaust. (For information only engine may be marked property version 3964313)	0.86m-1	0.16 g/kWh Euro 3 PM	M	no
Volvo D12A 420 EC93	<i>12130 cc 420 HP</i>	No trap, standard exhaust fitted. (For information only engine may be marked property version 1677128)	0.86m-1	0.16 g/kWh Euro 3 PM	M	no
		No trap, standard exhaust fitted. (For information only engine may be marked property version 3964308)	0.86m-1	0.16 g/kWh Euro 3 PM	M	no
Volvo D12A 420 EC96	<i>12130 cc 420 HP</i>	BUS installations. No trap, standard exhaust. (For information only engine may be marked property version 1677063)	0.92m-1	0.16 g/kWh Euro 3 PM	M	no
		BUS installations. No trap, standard exhaust. (For information only engine may be marked property	0.92m-1	0.16 g/kWh Euro 3 PM	M	no

NOTE: VOSA will check the Engine Model exactly matches that stated here, and that any instructions are met exactly. Only engines that meet these conditions are eligible for a smoke test. The measured smoke value must be less than the limit stated for that engine to qualify for a certificate. Engine hp and cc values are guides only, and do NOT need to match exactly. Engines indicated as "possibly RPC engine" may qualify for an RPC certificate subject to the vehicle VED tax classification.



Eligible Engines List

for engines manufactured by: Volvo



Engine Make and Model <i>must match exactly</i>	approximate capacity - horsepower	Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use) Resulting PM value and Euro class value.	Tick Box (P/M/G)	Possibly RPC eligible?
		version 3964309)				
		TRUCK installations. No trap, standard exhaust. (For information only engine may be marked property version 1677063)	0.86m-1	0.16 g/kWh Euro 3 PM	M	no
		TRUCK installations. No trap, standard exhaust. (For information only engine may be marked property version 3964309)	0.86m-1	0.16 g/kWh Euro 3 PM	M	no

NOTE: VOSA will check the Engine Model exactly matches that stated here, and that any instructions are met exactly. Only engines that meet these conditions are eligible for a smoke test. The measured smoke value must be less than the limit stated for that engine to qualify for a certificate. Engine hp and cc values are guides only, and do NOT need to match exactly. Engines indicated as "possibly RPC engine" may qualify for an RPC certificate subject to the vehicle VED tax classification.



Eligible Engines List

for engines manufactured by: Volvo



Engine Make and Model <i>must match exactly</i>		approximate capacity - horsepower	Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use) Resulting PM value and Euro class value.	Tick Box (P/M/G)	Possibly RPC eligible?
Volvo	D12C						
Volvo	D12C 340 EC96	12130 cc 340 HP	No trap, standard exhaust fitted. (For information only engine may be marked property version 3165043)	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Volvo	D12C 340 VED 98	12130 cc 250 HP	No trap, standard exhaust fitted. (For information only engine may be marked property version 3169630)	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Volvo	D12C 380 VED 98	12130 cc 380 HP	No trap, standard exhaust fitted. (For information only engine may be marked property version 3169631)	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Volvo	D12C 380 EC96	12130 cc 380 HP	No trap, standard exhaust fitted. (For information only engine may be marked property version 3165044)	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Volvo	D12C 420 EC96	12130 cc 420 HP	No trap, standard exhaust fitted. (For information only engine may be marked property version 3165045)	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Volvo	D12C 420 VED 98	12130 cc 430 HP	No trap, standard exhaust fitted. (For information only engine may be marked property version 3169632)	0.40m-1	0.08 g/kWh Euro 3 PM	M	yes
Volvo	D12C 460 EC96	12130 cc 460 HP	No trap, standard exhaust fitted. (For information only engine may be marked property version 3165046)	0.80m-1	0.16 g/kWh Euro 3 PM	M	no

NOTE: VOSA will check the Engine Model exactly matches that stated here, and that any instructions are met exactly. Only engines that meet these conditions are eligible for a smoke test. The measured smoke value must be less than the limit stated for that engine to qualify for a certificate. Engine hp and cc values are guides only, and do NOT need to match exactly. Engines indicated as "possibly RPC engine" may qualify for an RPC certificate subject to the vehicle VED tax classification.



Eligible Engines List

for engines manufactured by: Volvo



Engine Make and Model <i>must match exactly</i>		approximate capacity - horsepower	Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use) Resulting PM value and Euro class value.	Tick Box (P/M/G)	Possibly RPC eligible?
Volvo D16A							
Volvo	D16A 470 EC93	16123 cc 470 HP	No trap, standard exhaust fitted. (For information only engine may be marked property version 1556540)	1.24m-1	0.16 g/kWh Euro 3 PM	M	no
Volvo	D16A 470 EC96	16123 cc 470 HP	No trap, standard exhaust fitted. (For information only engine may be marked property version 1556752)	0.99m-1	0.16 g/kWh Euro 3 PM	M	no
Volvo	D16A 520 EC93	16123 cc 520 HP	No trap, standard exhaust fitted. (For information only engine may be marked property version 1556541)	1.24m-1	0.16 g/kWh Euro 3 PM	M	no
Volvo	D16A 520 EC96	16123 cc 520 HP	No trap, standard exhaust fitted. (For information only engine may be marked property version 1556753)	0.99m-1	0.16 g/kWh Euro 3 PM	M	no
Volvo D16B							
Volvo	D16B 470 EC96	16123 cc 470 HP	No trap, standard exhaust fitted. (For information only engine may be marked property version 1556972)	0.99m-1	0.16 g/kWh Euro 3 PM	M	no
Volvo	D16B 520 EC96	16123 cc 520 HP	No trap, standard exhaust fitted. (For information only engine may be marked property version 1556973)	0.99m-1	0.16 g/kWh Euro 3 PM	M	no

NOTE: VOSA will check the Engine Model exactly matches that stated here, and that any instructions are met exactly. Only engines that meet these conditions are eligible for a smoke test. The measured smoke value must be less than the limit stated for that engine to qualify for a certificate. Engine hp and cc values are guides only, and do NOT need to match exactly. Engines indicated as "possibly RPC engine" may qualify for an RPC certificate subject to the vehicle VED tax classification.



Eligible Engines List

for engines manufactured by: Volvo



Engine Make and Model <i>must match exactly</i>		approximate capacity - horsepower	Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use) Resulting PM value and Euro class value.	Tick Box (P/M/G)	Possibly RPC eligible?	
Volvo		D6A						
Volvo	D6A 180 EC96	<i>5480 cc 180 HP</i>	No trap, standard exhaust fitted. (For information only engine may be marked property version 499296)	1.31 m-1	0.16 g/kWh Euro 3 PM	M	no	
Volvo	D6A 210 EC96	<i>5480 cc 210 HP</i>	No trap, standard exhaust fitted. (For information only engine may be marked property version 499297)	1.31 m-1	0.16 g/kWh Euro 3 PM	M	no	
Volvo	D6A 230 EC96	<i>5480 cc 230 HP</i>	No trap, standard exhaust fitted. (For information only engine may be marked property version 499298)	1.31 m-1	0.16 g/kWh Euro 3 PM	M	no	
Volvo		D6B						
Volvo	D6B 180 EC96	<i>5480 cc 180 HP</i>	No trap, standard exhaust fitted. (For information only engine may be marked property version 8192454)	0.85 m-1	0.16 g/kWh Euro 3 PM	M	no	
Volvo	D6B 220 EC96	<i>5480 cc 220 HP</i>	No trap, standard exhaust fitted. (For information only engine may be marked property version 8192455)	0.87 m-1	0.16 g/kWh Euro 3 PM	M	no	
Volvo	D6B 250 EC96	<i>5480 cc 250 HP</i>	No trap, standard exhaust fitted. (For information only engine may be marked property version 8192457)	0.80 m-1	0.16 g/kWh Euro 3 PM	M	no	
Volvo		D7A						
Volvo	D7A 285 EC96	<i>7284 cc 285 HP</i>	No trap, standard exhaust fitted. (For information only engine may be marked property version 477899)	0.80 m-1	0.16 g/kWh Euro 3 PM	M	no	

NOTE: VOSA will check the Engine Model exactly matches that stated here, and that any instructions are met exactly. Only engines that meet these conditions are eligible for a smoke test. The measured smoke value must be less than the limit stated for that engine to qualify for a certificate. Engine hp and cc values are guides only, and do NOT need to match exactly. Engines indicated as "possibly RPC engine" may qualify for an RPC certificate subject to the vehicle VED tax classification.



Eligible Engines List

for engines manufactured by: **Volvo**



Engine Make and Model <i>must match exactly</i>		approximate capacity - horsepower	Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use) Resulting PM value and Euro class value.	Tick Box (P/M/G)	Possibly RPC eligible?
Volvo D7B							
Volvo	D7B 230 EC96	<i>7000 cc 230 HP</i>	No trap, standard exhaust fitted. (For information only engine may be marked property version 477897)	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Volvo	D7B 260 EC96	<i>7284 cc 260 HP</i>	No trap, standard exhaust fitted. (For information only engine may be marked property version 477898)	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Volvo D7C							
Volvo	D7C 215 EC96	<i>7284 cc 215 HP</i>	No trap, standard exhaust fitted. (For information only engine may be marked property version 1549848)	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Volvo	D7C 250 EC96	<i>7284 cc 250 HP</i>	No trap, standard exhaust fitted. (For information only engine may be marked property version 8192704)	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Volvo	D7C 290 EC96	<i>7284 cc 290 HP</i>	No trap, standard exhaust fitted. (For information only engine may be marked property version 8192705)	0.80m-1	0.16 g/kWh Euro 3 PM	M	no
Volvo	D7C 310 EC96	<i>7284 cc 310 HP</i>	No trap, standard exhaust fitted. (For information only engine may be marked property version 1549849)	0.80m-1	0.16 g/kWh Euro 3 PM	M	no

NOTE: VOSA will check the Engine Model exactly matches that stated here, and that any instructions are met exactly. Only engines that meet these conditions are eligible for a smoke test. The measured smoke value must be less than the limit stated for that engine to qualify for a certificate. Engine hp and cc values are guides only, and do NOT need to match exactly. Engines indicated as "possibly RPC engine" may qualify for an RPC certificate subject to the vehicle VED tax classification.



Eligible Engines List

for engines manufactured by: Volvo



Engine Make and Model <i>must match exactly</i>		approximate capacity - horsepower	Instructions, restrictions, conditions and remarks	FAS Smoke Test limit K m-1	Certificate Values (for VOSA Use) Resulting PM value and Euro class value.		Tick Box (P/M/G)	Possibly RPC eligible?
Volvo DH10								
Volvo	DH10A 245 EC96	10000 cc 245 HP	No trap, standard exhaust fitted. (For information only engine may be marked engine data set 425709 or property version 425898)	0.80m-1	0.16 g/kWh Euro 3	PM	M	no
Volvo	DH10A 285 EC96	10000 cc 285 HP	No trap, standard exhaust fitted. For information only engine may be marked engine data set 425712 or property version 425899).	0.80m-1	0.16 g/kWh Euro 3	PM	M	no
Volvo DH12								
Volvo	DH12C 340 EC96	12000 cc 340 HP	No trap, standard exhaust fitted. (For information only engine may be marked property version 1549887)	0.80m-1	0.16 g/kWh Euro 3	PM	M	no

NOTE: VOSA will check the Engine Model exactly matches that stated here, and that any instructions are met exactly. Only engines that meet these conditions are eligible for a smoke test. The measured smoke value must be less than the limit stated for that engine to qualify for a certificate. Engine hp and cc values are guides only, and do NOT need to match exactly. Engines indicated as "possibly RPC engine" may qualify for an RPC certificate subject to the vehicle VED tax classification.



Eligible Engines List Schedule C



Schedule C (for VOSA use only)

SCHEDULE C: ACCEPTABLE DAF CATALYTIC SILENCER PART NUMBERS - APPROVALS RPD00 40, 41, 42, 43, 46 and 47

Silencer no	Approvals	Silencer no	Approvals	Silencer no	Approvals	Silencer no	Approvals	Silencer no	Approvals
NB 1393123	All 40 - 47	NB 1393129	All 40 - 47	NB 1393130	All 40 - 47	NB 1394223	All 40.4 - 47.3	NB 1394227	All 40.4 - 47.3
Eminox JLD 143X	All 40 - 47	Eminox WE 12085	All 40 - 47	Eminox WEBC 017	46, 47	Eminox WELJ 010	40, 41, 42, 43	Eminox WELJ012	40, 41, 42, 43
Eminox WELJ013	All 40 - 47								
Dinex 40327	40, 41, 42, 46, 47	Dinex 40328	41, 42, 43						

Note: these catalytic silencers are NOT particle traps. They may be made by a number of manufacturers, eg Nelson Burgess (NB), Eminox, Dinex etc.

NOTES 1) Deleted. 2) Pipe length is downpipe max length from turbo outlet flange to trap inlet. 3) 800mm of downpipe must be insulated. 4) For approval 2.1, two of these traps may be fitted in parallel. 5) The engine designation and property version number are marked on a label on the left hand side of the engine on the ECU box. 6) Fuel pump part nos. are marked on a red tag on pump on LHS of engine. 7) May be marked on data plate or on modification notice on inlet manifold.



Eligible Engines List Schedule C



Schedule C (for VOSA use only)

SCHEDULE C: ACCEPTABLE DAF CATALYTIC SILENCER PART NUMBERS - APPROVALS RPD00 40, 41, 42, 43, 46 and 47

Silencer no	Approvals	Silencer no	Approvals	Silencer no	Approvals	Silencer no	Approvals	Silencer no	Approvals
NB 1393123	All 40 - 47	NB 1393129	All 40 - 47	NB 1393130	All 40 - 47	NB 1394223	All 40.4 - 47.3	NB 1394227	All 40.4 - 47.3
Eminox JLD 143X	All 40 - 47	Eminox WE 12085	All 40 - 47	Eminox WEBC 017	46, 47	Eminox WELJ 010	40, 41, 42, 43	Eminox WELJ012	40, 41, 42, 43
Eminox WELJ013	All 40 - 47								
Dinex 40327	40, 41, 42, 46, 47	Dinex 40328	41, 42, 43						

Note: these catalytic silencers are NOT particle traps. They may be made by a number of manufacturers, eg Nelson Burgess (NB), Eminox, Dinex etc.

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