

N° of the A certificate "EURO4" safe lorry: S/20557

Certificate of compliance of a motor vehicle with technical and safety requirements for a "EURO4 safe" lorry

Vehicle Type and Make: Volvo FH12

Vehicle Identification Number (VIN): YV2AP40A66B420557

Engine Type / Number : D12C EC01 (420hp) / 021773

The vehicle Manufacturer or the authorised Representative of the Manufacturer in the country of registration<sup>1</sup>

Volvo Truck Corporation.

hereby confirms that the said vehicle is identical to the vehicle, which was on .....06<sup>th</sup> Jan. 2006..... In compliance with the provision of Resulation CEMT/CM(2005)9/FINAL, and confirms that the particulars entered overleaf are correct.

Measures according to: Directive 80/1269/EEC, as last amended by Directive 1999/99/EC

Maximum engine output (kW).338 at engine speed (rev/min): 1900

REQUIREMENTS FOR NOISE AND EXHAUST EMISSIONS

Noise measured according to: Directive 70/157/EEC, as last amended by Directive 1999/101/EC

Maximum values <sup>2</sup> dB(A)	Engine power	Measured values dB(A)
78	<= 150Kw	-----
80	> 150Kw	80
on: 12 <sup>th</sup> April 2006		In: Södertälje, Sweden
by: RDW		
Approach velocity (km/h) : 18		In Gear: 4L
Compressed air noise dB(A): 69		
Proximity noise level dB(A): 88		at engine speed [r/min]: 1425

Measures according to: Directive 88/77/EEC, as last amended by Directive 1999/96/EC and according to ESC and ELR test cycles

Maximum values	Pollutants	Measured values according to engine type approval test
1.5(g/kWh)	CO	0,0 (g/kwh)
0.46(g/kWh)	HC	0,0 (g/kWh)
3.5(g/kWh)	NOX	3.3 (g/kWh)
0.02 (g/kWh)	Particles	0.01 (g/kWh)
0.5(m <sup>-1</sup> )	Smokes	0.26 (g/kWh)

Measures according to: Directive 88/77/EEC, as last amended by Directive 1999/96/EC and according to ETC test cycle

Maximum values (g/kWh)	Pollutants	Measured values according to engine type approval test
4.0	CO	Not Applicable
0.55	NM.HC	Not Applicable
1.1	CH <sub>4</sub>	Not Applicable
3,5	NO <sub>x</sub>	Not Applicable
0.03	Particles	Not Applicable

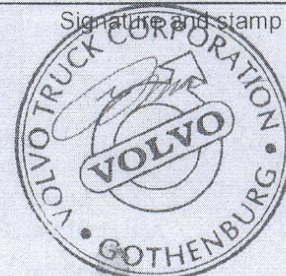
Place

Gothenburg

Date

2.04.2009

Signature and stamp



1. Delete inappropriate mentions
2. Resolutions CEMT/CM(95)4/Final and CEMT/CM(98)8 Final
3. Only for natural gas engines
4. Does not apply to gas engines

**1) Sellist EURO4 vormi ei ole olemas;**  
**2) puuduvad ETC testi tsükli tulemused, mis on EURO4 mootori puhul kohustuslikud.**