

Environmental performances		
46.	Sound level	
	Stationary at engine speed: Drive-by:	85 dB(A) at 1200 min ⁻¹ 75 dB(A)
47.	Exhaust emission level:	Euro VI-E
48.	Exhaust emissions	
	Number of the base regulatory act and the latest amending regulatory act applicable:	EU 595/2009*2022/2383E
	1.2. Test procedure: WHSC (Euro VI)	CO: 35.49 mg/kWh
		THC: 6.51 mg/kWh
		NMHC: - mg/kWh
		NOx: 109.71 mg/kWh
		THC + NOx: - mg/kWh
		NH ₃ : 0.00 ppm
		Particulates (mass): 1.37 mg/kWh
		Particulates (number): 7.17E+10 #/kWh
	2.2. Test procedure: WHTC (Euro VI)	CO: 77.28 mg/kWh
		NOx: 192.79 mg/kWh
		NMHC: - mg/kWh
		THC: 6.12 mg/kWh
		CH ₄ : - mg/kWh
		NH ₃ : 0.06 ppm
		Particulates (mass): 2.11 mg/kWh
		Particulates (number): 9.22E+10 #/kWh
48.1.	Smoke corrected absorption coefficient:	-
49.	CO2 emissions/fuel consumption/electric energy consumption	
49.1.	Cryptographic hash of the manufacturer's records file: dlyAo8zoq1w4wJ9W5MeqYoFzhadsG6pQH2LpOmZgZ4A=	
49.2.	Zero emission heavy-duty vehicle:	No
49.3.	Vocational vehicle:	No
49.4.	Cryptographic hash of the customer information file: EXEwIFUz7LQ8oSMKjCC+sTwPfPuu4VT6EybtE03pFus=	
49.5.	Specific CO2 emissions:	49.49 gCO2/tkm
49.6.	Average payload value:	13.842 t
49.7.	Vehicle subgroup/group:	5-LH
Miscellaneous		
50.	Type-approved in accordance with the design requirements for transporting dangerous goods of UN Regulation No 105:	Not ADR
51.	For special purpose vehicles: designation in accordance with point 5 of Part A of Annex I to Regulation (EU) 2018/858:	-
52.	Remarks:	-
54.	Vehicle fitted with:	TPMS/ESS/AIF/AEBS/ISA/DDAW/BSIS
55.	Vehicle certified in accordance with UN Regulation No. 155:	Yes
56.	Vehicle certified in accordance with UN Regulation No. 156:	Yes

VOLVO TRUCK CORPORATION

EC CERTIFICATE OF CONFORMITY

COMPLETE VEHICLES

The undersigned, Micael Lundberg, Homologation Manager, hereby certifies that the vehicle:

0.1.	Make (trade name of manufacturer):	Volvo
0.2.	Type:	VTC3T
	Variant:	C3AHA1
	Version:	N5RR3S67513xx3MNYUUC
0.2.1.	Commercial name:	FH
0.2.2.1.	Allowed Parameter Values for multistage type approval to use the base vehicle emission values (insert range when applicable):	-
0.2.3.	Identifiers:	-
0.4.	Vehicle category:	N3
0.5.	Company name and address of manufacturer:	Volvo Truck Corporation SE-405 08 Göteborg, Sweden
0.6.	Location and method of attachment of the statutory plates:	Behind the front lid, riveted
	Location of the vehicle identification number:	RH side of the frame, above the front axle
0.9.	Name and address of the manufacturer's representative:	-
0.10.	Vehicle identification number:	YV2RT40A9RB473191
0.11.	Date of manufacture of the vehicle:	2024-04-11

conforms in all respects to the type described in approval:

e1*2007/46*0967*44

granted on:

2023-11-27

and can be permanently registered in Member States having right hand traffic and using metric units for the speedometer and metric units for the odometer (if applicable).

Göteborg, Sweden

2024-04-11

General construction characteristics		
1.	Number of axles / and wheels:	2 / 6
1.1.	Number / and position of axles with twin wheels:	1 / 2
2.	Steered axles (number / position):	1 / 1
3.	Powered axles (number / position, interconnection):	1 / 2, N/A
3.1.	Non-automated	
Main dimensions		
4.	Wheelbase:	3800 mm
4.1.	Axle spacing:	-
5.	Length:	5990 mm
5.2.	Elongated cab complying with Article 9a of Directive 96/53/EC:	No
5.3.	Vehicle not equipped with aerodynamic device or equipment	
6.	Width:	2544 mm
7.	Height:	-
8.	Fifth wheel lead for semi-trailer towing vehicle (maximum and minimum):	625 mm
9.	Distance between the front end of the vehicle and the centre of the coupling device:	4540 mm
11.	Length of the loading area:	-
12.	Rear overhang:	825 mm
Masses		
13.	Mass in running order:	7925 kg
13.1.	Distribution of this mass amongst the axles:	1: 5781 kg / 2: 2144 kg
13.2.	Actual mass of the vehicle:	7925 kg
13.3.	Additional mass for alternative propulsion:	-
16.	Technically permissible maximum masses	
16.1.	Technically permissible maximum laden mass:	20500 kg
16.2.	Technically permissible mass on each axle:	1: 7500 kg / 2: 13000 kg
16.3.	Technically permissible mass on each axle group:	1: 7500 kg / 2: 13000 kg
16.4.	Technically permissible maximum mass of the combination:	44000 kg
17.	Intended registration / in service maximum permissible masses in national traffic	
17.1.	Intended registration / in service maximum permissible laden mass:	BG: 18000 kg
17.2.	Intended registration / in service maximum permissible laden mass on each axle:	BG: 1: 7500 kg / 2: 11500 kg
17.3.	Intended registration / in service maximum permissible laden mass on each axle group:	BG: 1: 7500 kg / 2: 11500 kg
17.4.	Intended registration / in service maximum permissible mass of the combination:	BG: 44000 kg

18.	Technically permissible maximum towable mass in case of	
18.1.	Drawbar trailer:	-
18.2.	Semi-trailer:	70000 kg
18.3.	Centre-axle trailer:	-
18.3.1	Rigid drawbar trailer:	-
18.4.	Unbraked trailer:	750 kg
19.	Technically permissible maximum static mass at the coupling point:	12575 kg
Power plant		
20.	Manufacturer of the engine:	Volvo Powertrain Corporation
21.	Engine code as marked on the engine:	D13K500TC EUVI
22.	Working principle:	Compression ignition, four stroke
23.	Pure electric:	No
23.1.	Class of Hybrid (electric) vehicle:	-
24.	Number and arrangement of cylinders:	6 in line
25.	Engine capacity:	12777 cm³
26.	Fuel:	Diesel
26.1.	Engine type:	Mono fuel
26.2.	Dual fuel type:	-
27.	Maximum power	
27.1.	Maximum net power (internal combustion engine):	375 kW at 1600 min⁻¹
27.3.	Maximum net power (electric motor):	-
27.4.	Maximum 30 minutes power (electric motor):	-
28.	Gearbox (type):	Mechanical, automatic gearshift
Maximum speed		
29.	Maximum speed:	90 km/h
Axles and suspension		
31.	Position of lift axle(s):	-
32.	Position of loadable axle(s):	-
33.	Drive axle(s) fitted with air suspension or equivalent:	Yes
35.	Tyre / wheel combination:	1: 385/65R22.5-158 L / 22.5x11.75 2: 315/80R22.5-150 L / 22.5x9.00
Brakes		
36.	Trailer brake connections:	Pneumatic
37.	Pressure in feed line for trailer braking system:	850 kPa
Bodywork		
38.	Code for bodywork:	BC
41.	Number / and configuration of doors:	2 / 1 left, 1 right
42.	Number of seating positions (including the driver):	2
Coupling device		
44.	Approval number or approval mark of coupling device (if fitted):	E1-55R-011245
45.1	Characteristics values:	D: 152 kN U: 20000 kg