

General construction characteristics		
1.	Number of axles / and wheels:	2 / 6
1.1.	Number / and position of axles with twin wheels:	1 / 2
1.1.	Number / and position of axles with twin wheels:	1 / 1
2.	Steered axles (number / position, interconnection):	1 / 2, N/A
3.	Powered axles (number / position, interconnection):	1 / 2, N/A
Main dimensions		
4.	Wheelbase:	3800 mm
4.1.	Axle spacing:	Not applicable
5.	Length:	5990 mm
6.	Width:	2518 mm
3.	Fifth wheel lead for semi-trailer towing vehicle (maximum and minimum):	1060-150 mm
1.	Distance between the front end of the vehicle and the centre of the coupling device:	4615 mm
1.	Length of the loading area:	Not applicable
12.	Rear overhang:	825 mm
Masses		
13.	Mass in running order:	8277 kg
13.1.	Distribution of this mass amongst the axles:	1: 5748 kg / 2: 2529 kg
13.2.	Actual mass of the vehicle:	8277 kg
16.	Technically permissible maximum masses	20500 kg
16.1.	Technically permissible maximum laden mass:	1: 7500 kg / 2: 13000 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:	BE: 19000 kg
17.2.	Intended registration / in service maximum permissible laden mass on each axle:	BE: 1: 7500 kg / 2: 12000 kg
17.3.	Intended registration / in service maximum permissible laden mass on each axle group:	BE: 1: 7500 kg / 2: 12000 kg
17.4.	Intended registration / in service maximum permissible mass of the combination:	BE: 44000 kg
18.	Technically permissible maximum towable mass in case of	
18.1.	Drawbar trailer:	Not applicable
18.2.	Semi-trailer:	60000 kg
18.3.	Centre-axle trailer:	Not applicable
18.4.	Unbraked trailer:	750 kg
19.	Technically permissible maximum static mass at the coupling point:	12223 kg

Power plant		Volvo Powertrain Corporation
20.	Manufacturer of the engine:	D13K460 EUVI
21.	Engine code as marked on the engine:	Compression ignition, four stroke
22.	Working principle:	No
23.	Pure electric:	No
23.1.	Hybrid (electric) vehicle:	6 in line
24.	Number and arrangement of cylinders:	12777 cm ³
25.	Engine capacity:	Diesel
26.	Fuel:	Mono fuel
26.1.	Mono fuel / Bi fuel / Flex fuel / Dual-fuel:	-
26.2.	(Dual-fuel only) Type 1A / Type 1B / Type 2A / Type 2B / Type 3B:	-
27.	Maximum power	345 kW at 1800 min ⁻¹
27.1.	Maximum net power (internal combustion engine):	-
27.2.	Maximum hourly output (electric motor):	-
27.3.	Maximum net power (electric motor):	-
27.4.	Maximum 30 minutes power (electric motor):	Mechanical, automatic gearshift
28.	Gearbox (type):	
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: 315/70R22.5-156 L / 22.5x9.00 2: 315/70R22.5-150 L / 22.5x9.00
Brakes		
36.	Trailer brake connections:	Pneumatic
37.	Pressure in feed line for trailer braking system:	8.5 bar
Bodywork		
38.	Code for bodywork:	BC, Semi-trailer towing vehicle
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-010116
45.1	Characteristics values:	D: 152 kN U: 20000 kg

Environmental performances	
46.	Sound level Stationary at engine speed: Drive-by: Exhaust emission level: Exhaust emissions Number of the base regulatory act and the latest amending regulatory act applicable: 1.1. Test procedure: ESC 1.2. Test procedure: WHSC (Euro VI)
47.	83 dB(A) at 1350 min ⁻¹ 75 dB(A) Euro VI-C
48.	EU Regulation 595/2009*627/2014C Not applicable CO: THC: NMHC: NOx: THC + NOx: NH ₃ : Particulates (mass): Particulates (number): 2.1. Test procedure: ETC 2.2. Test procedure: WHTC (EURO VI)
48.1.	41.7 mg/kWh 1.8 mg/kWh - mg/kWh 77.9 mg/kWh - mg/kWh 4.8 ppm 2.7 mg/kWh 0.919E+11 #/kWh Not applicable CO: NOx: NMHC: THC: CH ₄ : NH ₃ : Particulates (mass): Particulates (number): 0.50 m ⁻¹
Miscellaneous	
50.	Type-approved according to the design requirements for transporting dangerous goods: EX II, EX III, AT, FL, OX
51.	For special purpose vehicles: designation in accordance with Annex II Section 5: Not applicable
52.	Remarks:

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: VTA3T
Variant: C3FHA1
Version: N5RR3M67513xx3M5TAUA
0.2.1. Commercial name: FH
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: Not applicable
0.10. Vehicle identification number: YV2RTY0AXHB837656
conforms in all respects to the type described in approval: e11*2007/46*3086*06
issued on: 2017-02-20

and can be permanently registered in Member States having right hand traffic and using metric units for the speedometer.

Göteborg, Sweden
(Place) 2017-09-07
(Date)

(Signature)

