



# Customer Information

Vehicle Configuration			
<i>VIN:</i>	N/A		
<i>Axle Configuration:</i>	4x2		
<i>Vehicle Group:</i>	5		
<i>Manufacturer:</i>	N/A		
<i>Model:</i>	N/A		
<i>Vocational:</i>	no		
<i>ZEV:</i>	no		
<i>Waste Heat Recovery:</i>	no		
<i>ICE Rated Power:</i>	325 kW		
<i>Vehicle Category</i>	N3		
<i>TPMLM:</i>	18000 kg		
<i>CO2 Standards Group:</i>	5-LH		
<i>Address:</i>	N/A		
<i>Corrected Actual Mass:</i>	8229 kg		
<i>Sleeper Cab:</i>	yes		
<i>HE HDV:</i>	no		
<i>Dual Fuel Vehicle</i>	no		
<i>ICE Capacity:</i>	12.7 ltr		
Fuel Types			
<i>Fuel Type:</i>	Diesel CI		
<i>Transmission Values:</i>	NOT CERTIFIED		
<i>Nbr. Gears:</i>	12		
<i>Axlegear Ratio:</i>	2.640		
<i>Transmission Type:</i>	AMT		
<i>Retarder</i>	yes		
<i>Average RRC:</i>	0.0062		
Advanced Driver Assistant Systems			
<i>Engine Stop/Start:</i>	no		
<i>Eco Roll w/ ICE Stop:</i>	no		
<i>Eco Roll w/ ICE Stop:</i>	no		
<i>PCC:</i>	no		
Axle 1	Axle 2		
<i>Dimension:</i>	315/70 R22.5	<i>Dimension:</i>	315/70 R22.5
<i>Fuel Eff. Class:</i>		<i>Fuel Eff. Class:</i>	
<i>Certification Nbr:</i>		<i>Certification Nbr:</i>	
<i>Steering Pump Tech.:</i>	Fixed displacement with elec. control		

Signature Input Data	
<i>Digest Value:</i>	NOT AVAILABLE

Signature Manufacturer Record File	
<i>Digest Value:</i>	Qq54/vO+oSOTNVhfGfHaOLxm5EJrdJ7udEwEs42Gm00=

<b>Simulation Status: Success</b>
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**Mission Profile: Long Haul**

**Total Vehicle Mass: 18329 kg**

**Payload: 2600 kg**

**Total**

Average Speed: 79.8 km/h

**Fuel: Diesel**

Fuel cons.: 216.5 g/km  
Fuel cons.: 83.27 g/t-km  
Fuel cons.: 2.379 g/m<sup>3</sup>-km  
Fuel cons.: 9.245 MJ/km  
Fuel cons.: 3.556 MJ/t-km  
Fuel cons.: 0.1016 MJ/m<sup>3</sup>-km  
Fuel cons.: 25.90 l/100km  
Fuel cons.: 0.09961 l/t-km  
Fuel cons.: 0.002846 l/m<sup>3</sup>-km

CO<sub>2</sub>: 677.7 g/km

CO<sub>2</sub>: 260.6 g/t-km

CO<sub>2</sub>: 7.447 g/m<sup>3</sup>-km

**Mission Profile: Long Haul**

**Total Vehicle Mass: 35029 kg**

**Payload: 19300 kg**

**Total**

Average Speed: 78.4 km/h

**Fuel: Diesel**

Fuel cons.: 284.9 g/km  
Fuel cons.: 14.76 g/t-km  
Fuel cons.: 3.131 g/m<sup>3</sup>-km  
Fuel cons.: 12.17 MJ/km  
Fuel cons.: 0.6304 MJ/t-km  
Fuel cons.: 0.1337 MJ/m<sup>3</sup>-km  
Fuel cons.: 34.08 l/100km  
Fuel cons.: 0.01766 l/t-km  
Fuel cons.: 0.003745 l/m<sup>3</sup>-km

CO<sub>2</sub>: 891.8 g/km

CO<sub>2</sub>: 46.21 g/t-km

CO<sub>2</sub>: 9.800 g/m<sup>3</sup>-km

**Mission Profile: Long Haul EMS**

**Total Vehicle Mass: 24629 kg**

**Payload: 3500 kg**

**Total**

Average Speed: 79.3 km/h

**Fuel: Diesel**

Fuel cons.: 270.6 g/km  
Fuel cons.: 77.32 g/t-km  
Fuel cons.: 1.926 g/m<sup>3</sup>-km  
Fuel cons.: 11.56 MJ/km  
Fuel cons.: 3.302 MJ/t-km  
Fuel cons.: 0.08225 MJ/m<sup>3</sup>-km  
Fuel cons.: 32.37 l/100km  
Fuel cons.: 0.09249 l/t-km  
Fuel cons.: 0.002304 l/m<sup>3</sup>-km

CO<sub>2</sub>: 847.1 g/km

CO<sub>2</sub>: 242.0 g/t-km

CO<sub>2</sub>: 6.029 g/m<sup>3</sup>-km

**Mission Profile: Long Haul EMS**

**Total Vehicle Mass: 47629 kg**

**Payload: 26500 kg**

**Total**

Average Speed: 76.1 km/h

**Fuel: Diesel**

Fuel cons.: 364.9 g/km  
Fuel cons.: 13.77 g/t-km  
Fuel cons.: 2.597 g/m<sup>3</sup>-km  
Fuel cons.: 15.58 MJ/km  
Fuel cons.: 0.5880 MJ/t-km  
Fuel cons.: 0.1109 MJ/m<sup>3</sup>-km  
Fuel cons.: 43.65 l/100km  
Fuel cons.: 0.01647 l/t-km  
Fuel cons.: 0.003107 l/m<sup>3</sup>-km

CO<sub>2</sub>: 1142.1 g/km

CO<sub>2</sub>: 43.10 g/t-km

CO<sub>2</sub>: 8.129 g/m<sup>3</sup>-km

**Mission Profile: Regional Delivery**

**Total Vehicle Mass: 18329 kg**

**Payload: 2600 kg**

**Total**

Average Speed: 60.8 km/h

**Fuel: Diesel**

Fuel cons.: 233.4 g/km

Fuel cons.: 89.78 g/t-km

Fuel cons.: 2.565 g/m<sup>3</sup>-km

Fuel cons.: 9.968 MJ/km

Fuel cons.: 3.834 MJ/t-km

Fuel cons.: 0.1095 MJ/m<sup>3</sup>-km

Fuel cons.: 27.92 l/100km

Fuel cons.: 0.1074 l/t-km

Fuel cons.: 0.003068 l/m<sup>3</sup>-km

CO<sub>2</sub>: 730.7 g/km

CO<sub>2</sub>: 281.0 g/t-km

CO<sub>2</sub>: 8.029 g/m<sup>3</sup>-km

**Mission Profile: Regional Delivery**

**Total Vehicle Mass: 28629 kg**

**Payload: 12900 kg**

**Total**

Average Speed: 60.3 km/h

**Fuel: Diesel**

Fuel cons.: 290.9 g/km

Fuel cons.: 22.55 g/t-km

Fuel cons.: 3.196 g/m<sup>3</sup>-km

Fuel cons.: 12.42 MJ/km

Fuel cons.: 0.9628 MJ/t-km

Fuel cons.: 0.1365 MJ/m<sup>3</sup>-km

Fuel cons.: 34.79 l/100km

Fuel cons.: 0.02697 l/t-km

Fuel cons.: 0.003823 l/m<sup>3</sup>-km

CO<sub>2</sub>: 910.4 g/km

CO<sub>2</sub>: 70.58 g/t-km

CO<sub>2</sub>: 10.00 g/m<sup>3</sup>-km

**Mission Profile: Regional Delivery EMS**

**Total Vehicle Mass: 24629 kg**

**Payload: 3500 kg**

**Total**

Average Speed: 60.5 km/h

**Fuel: Diesel**

Fuel cons.: 293.6 g/km

Fuel cons.: 83.90 g/t-km

Fuel cons.: 2.090 g/m<sup>3</sup>-km

Fuel cons.: 12.54 MJ/km

Fuel cons.: 3.582 MJ/t-km

Fuel cons.: 0.08924 MJ/m<sup>3</sup>-km

Fuel cons.: 35.13 l/100km

Fuel cons.: 0.1004 l/t-km

Fuel cons.: 0.002500 l/m<sup>3</sup>-km

CO<sub>2</sub>: 919.1 g/km

CO<sub>2</sub>: 262.6 g/t-km

CO<sub>2</sub>: 6.542 g/m<sup>3</sup>-km

**Mission Profile: Regional Delivery EMS**

**Total Vehicle Mass: 38629 kg**

**Payload: 17500 kg**

**Total**

Average Speed: 59.1 km/h

**Fuel: Diesel**

Fuel cons.: 371.5 g/km

Fuel cons.: 21.23 g/t-km

Fuel cons.: 2.644 g/m<sup>3</sup>-km

Fuel cons.: 15.86 MJ/km

Fuel cons.: 0.9065 MJ/t-km

Fuel cons.: 0.1129 MJ/m<sup>3</sup>-km

Fuel cons.: 44.44 l/100km

Fuel cons.: 0.02540 l/t-km

Fuel cons.: 0.003163 l/m<sup>3</sup>-km

CO<sub>2</sub>: 1162.9 g/km

CO<sub>2</sub>: 66.45 g/t-km

CO<sub>2</sub>: 8.277 g/m<sup>3</sup>-km

**Mission Profile: Urban Delivery**

**Total Vehicle Mass: 18329 kg**

**Payload: 2600 kg**

**Total**

Average Speed: 26.2 km/h

**Fuel: Diesel**

Fuel cons.: 368.9 g/km

Fuel cons.: 141.9 g/t-km

Fuel cons.: 4.054 g/m<sup>3</sup>-km

Fuel cons.: 15.75 MJ/km

Fuel cons.: 6.059 MJ/t-km

Fuel cons.: 0.1731 MJ/m<sup>3</sup>-km

Fuel cons.: 44.13 l/100km

Fuel cons.: 0.1697 l/t-km

Fuel cons.: 0.004849 l/m<sup>3</sup>-km

CO2: 1154.7 g/km

CO2: 444.1 g/t-km

CO2: 12.69 g/m<sup>3</sup>-km

**Mission Profile: Urban Delivery**

**Total Vehicle Mass: 28629 kg**

**Payload: 12900 kg**

**Total**

Average Speed: 25.9 km/h

**Fuel: Diesel**

Fuel cons.: 502.4 g/km

Fuel cons.: 38.94 g/t-km

Fuel cons.: 5.521 g/m<sup>3</sup>-km

Fuel cons.: 21.45 MJ/km

Fuel cons.: 1.663 MJ/t-km

Fuel cons.: 0.2357 MJ/m<sup>3</sup>-km

Fuel cons.: 60.09 l/100km

Fuel cons.: 0.04658 l/t-km

Fuel cons.: 0.006604 l/m<sup>3</sup>-km

CO2: 1572.4 g/km

CO2: 121.9 g/t-km

CO2: 17.28 g/m<sup>3</sup>-km

**Summary**

**Average Payload: 13.842 t**

**Fuel: Diesel**

Fuel cons.: 265.3 g/km

Fuel cons.: 19.17 g/t-km

Fuel cons.: 2.916 g/m<sup>3</sup>-km

Fuel cons.: 11.33 MJ/km

Fuel cons.: 0.8185 MJ/t-km

Fuel cons.: 0.1245 MJ/m<sup>3</sup>-km

Fuel cons.: 31.74 l/100km

Fuel cons.: 0.02293 l/t-km

Fuel cons.: 0.003488 l/m<sup>3</sup>-km

CO2: 830.4 g/km

**CO2: 59.99 g/t-km**

CO2: 9.126 g/m<sup>3</sup>-km

**Application Information**

VECTO Version: 4.0.2.3275

Date: 2023-12-20T14:47:49.0230201Z

**Customer Information File Signature**

Digest Value: syWPH5xvY6I6k5CENJltpq/oiVObq+e4ZarIH7QwTJE=