

## Vehicle CO<sub>2</sub> emissions and fuel consumption - Customer information file

REGULATION (EU) 2017/2400 APPLIES TO THIS VEHICLE.

To ensure transparency on fuel consumption and CO<sub>2</sub> emissions, the vehicle shall be accompanied by a customer information file, that follows the model of Annex IV, Part II and Part III of the regulation.

The declared fuel consumption and CO<sub>2</sub> emission are calculated under standardized and certified conditions, as stipulated by the regulation:

- The fuel consumption and CO<sub>2</sub> emission values are calculated by a common simulation tool, VECTO, provided by the European Commission.
- The VECTO calculation is based on a number of input parameters:
  - Standardized conditions for mission profile and payloads.
  - Measured component values following certification methods (engines, gearbox, axles, tires, aerodynamics and auxiliaries) or by using standard values when permitted.
  - Standard bodies and trailers are assumed for the calculation.
- Only certified technologies, according to EU 2017/2400, are included in the VECTO calculation and CO<sub>2</sub> declaration.
- The declared CO<sub>2</sub> emissions represent the 'tank-to-wheel' CO<sub>2</sub> emissions. The CO<sub>2</sub> emissions from a 'well-to-wheel' perspective are not considered, such as the benefits of non-fossil fuels.

Many factors, including actual topography, weather conditions, driving conditions and driver behavior, payloads, actual bodies and trailers,... will affect the real-life vehicle CO<sub>2</sub> emissions and fuel consumption of customers. As a result, no representations, warranties or guarantees are made as to the representativeness of the values calculated by VECTO, with respect to the performance of the vehicle in its specific application and use.

1. Vehicle, component, separate technical unit and systems data			
1.1.	Vehicle data		
1.1.1.	Vehicle identification number: (VIN)	XL RTEH4300G267019	
1.1.2.	Vehicle category: (N1 N2, N3, M1, M2, M3)	N3	
1.1.3.	Axle configuration:	4x2	
1.1.4.	Max. gross vehicle weight:	19,5	t
1.1.5.	Vehicle's group:	5	
1.1.6.	Name and address of manufacturer:	DAF Trucks N.V. Hugo van der Goeslaan 1, 5643TW Eindhoven	
1.1.7.	Make: (trade name of manufacturer)	DAF Trucks N.V.	
1.1.8.	Corrected actual curb mass:	8358	kg
1.2.	Component, separate technical unit and systems data		
1.2.1.	Engine rated power:	390	kW
1.2.2.	Engine capacity:	12,9	ltr
1.2.3.	Engine reference fuel type: (diesel/LPG/CNG...)	Diesel CI	
1.2.4.	Transmission values: (measured/standard)	Option 2	
1.2.5.	Transmission type: (SMT, AMT, AT-S, AT-S)	AMT	
1.2.6.	Nr. of gears:	12	
1.2.7.	Retarder (yes/no)	yes	
1.2.8.	Axle ratio	2,400	
1.2.9.	Average rolling resistance coefficient (RRC) of all tyres:	0,0058	



2. CO2 emissions and fuel consumption of the vehicle (for each payload/fuel combination)

Payload low								
	Payload	Average vehicle speed	CO2 emissions			Fuel consumption		
	[kg]	[km/h]	[g/km]	[g/t-km]	[g/m3-km]	[l/100km]	[l/t-km]	[l/m3-km]
Long Haul	2600	79,6	666,6	256,4	7,32	25,5	0,098	0,0028
Long Haul EMS	3500	79,5	834,6	238,5	5,94	31,9	0,0911	0,00227
Regional Delivery	2600	60,5	693,8	266,8	7,62	26,5	0,102	0,00291
Regional Delivery EMS	3500	60,4	873,1	249,5	6,21	33,4	0,0953	0,00237

Only the performances relevant to the missions required by the regulation are reported.

Payload representative								
	Payload	Average vehicle speed	CO2 emissions			Fuel consumption		
	[kg]	[km/h]	[g/km]	[g/t-km]	[g/m3-km]	[l/100km]	[l/t-km]	[l/m3-km]
Long Haul	19300	79,2	867,6	45	9,53	33,2	0,0172	0,00364
Long Haul EMS	26500	78,4	1113,7	42	7,93	42,6	0,0161	0,00303
Regional Delivery	12900	60,4	857,2	66,4	9,42	32,8	0,0254	0,0036
Regional Delivery EMS	17500	60,1	1100,3	62,9	7,83	42	0,024	0,00299

Only the performances relevant to the missions required by the regulation are reported.

Software and user information	Simulation tool version	3.3.0.1433
	Date and time of the simulation	15-4-2019 05:27:37

Cryptographic hash of the output file: qIpU+mEA9PTyLxPvkCdguwRv0Sc1ZNNK3JIEyCDi37Y=