



Mercedes-Benz



2020

Mercedes-Benz V-Class

V250d diesel 4x2 automatic



7.2 
/10

Clean Air
Index

1.2 
/10

Energy Efficiency
Index

0.0 
/10

Greenhouse Gas
Index



Laboratory Test

	NMHC	NO _x	NH ₃	CO	PN
7.0/10 Cold Test					
8.2/10 Warm Test					
6.4/10 Cold Ambient Test					
7.2/10 Highway					



Road Test

7.2/10 On-Road Drive					
5.8/8 On-Road Heavy Load					
3.8/5 On-Road Light Load					
3.5/5 On-Road Short Trip					
2.0/2 Congestion					



Robustness



n.a.



good



adequate



marginal



weak



poor

Comments

The V250d performs very well in this part of the assessment. All pollutant emissions are well controlled across all test types, indicating excellent robustness in the engine and exhaust after-treatment systems.

Energy Efficiency Tests



Laboratory Test

Energy

2.2/10 Cold Test



2.9/10 Warm Test



0.0/10 Cold Ambient Test



0.0/10 Highway



Consumption

Driving Range

Average

8.4 l/100 km

848 km

Worst-case

10.4 l/100 km

675 km



n.a.



good



adequate



marginal



weak



poor

Comments

With a high weight, the V-Class struggles in this part of the assessment. Energy consumption is high and the result in the cold ambient temperature test, in particular, offsets some more positive performances in the other tests.



Greenhouse gases

CO₂

N₂O

CH₄

0.0/7 Cold Test



0.0/7 Warm Test



0.0/7 Cold Ambient Test



0.0/7 Highway



n.a.



good



adequate



marginal



weak



poor

Comments


While the V-Class maintains good control of Methane, this is offset by poor performance for the other greenhouse gases measured by Green NCAP.

Our Verdict

The V-Class shares its platform with the Vito, a light commercial van produced by Mercedes-Benz. Tested here as the 250d, it comes with a comprehensive array of exhaust after-treatment devices: high/low pressure exhaust gas recirculation (EGR); a diesel particulate filter (DPF); and selective catalytic reduction (SCR). Combined, these prove very effective at mitigating pollutant emissions and the vehicle scores an impressive 7.2 for Clean Air. Sadly, the vehicle is let-down by its score for Energy Efficiency where its weight counts against it. It takes a lot of energy to move a vehicle this heavy, as demonstrated by the worst-case fuel consumption of 10 l/100 km. However, used to maximum capacity, the vehicle can transport roughly double the number of people that a large SUV of similar weight would be able to. Overall, the star rating of only 1½ is a reflection of Green NCAP's holistic approach to environmental testing and would have been considerably higher were it based on Clean Air alone.

Disclaimer

Publication Date	Tested Car	Emissions Class	Tyres
11 2020	WDF4478131365xxxx	Euro 6d-Temp	245/45 R19 Y XL
Mass	Engine Size	Engine Power/Torque	Published CO ₂
2,359 kg	1,950 cc	140 kW/440 Nm	202 g/km
Declared Battery Capacity	Published Driving Range		
n.a.	n.a.		

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