

Dacia Duster

TCE 130 PETROL FWD MANUAL

2024



50%



6.5 
/10

**Clean Air
Index**

5.2 
/10

**Energy Efficiency
Index**

3.7 
/10

**Greenhouse Gas
Index**

6.5

/10



Clean Air Tests



Laboratory Test

NMHC

NO_x

NH₃

CO

PN

5.9/10 Cold Test



7.6/10 Warm Test



6.7/10 Highway



4.9/10 Cold Ambient Test



Road Test

6.8/10 On-Road Drive



2.6/5 On-Road Short Trip



3.1/8 On-Road Heavy Load



4.8/5 On-Road Light Load



2.0/2 Congestion



n.a.



good



adequate



marginal



weak



poor

Comments

The Duster demonstrates adequate overall exhaust emissions control. Not many conventionally driven SUVs can make it to Green NCAP's additional robustness test stage and the Dacia deserves credit for this achievement. The non-regulated emissions of ammonia (NH₃) are mostly low but come close to the upper threshold in the Cold Ambient Test. The control of particle emissions remained robust throughout all tests, but its further enhancement during cold start conditions would help the Dacia strive for a greater score in this part of the assessment. The same is true for CO emissions.

Energy Efficiency Tests



Laboratory Test

Energy

5.8/10 Cold Test



6.1/10 Warm Test



3.7/10 Highway



4.3/10 Cold Ambient Test



Consumption

Driving Range

Average

6.2 l/100 km

822 km

Worst-case

7.5 l/100 km

666 km



n.a.



good



adequate



marginal



weak



poor














Comments

The Cold and Warm Lab Tests needed only 5.7 and 5.5 l/100 km, respectively, while the -7°C Cold Ambient Test increased the consumption to 6.9 l/100 km. It impresses that this petrol driven, off-road capable SUV can perform the Highway Test with 7.4 l/100 km demand. Maybe even more notable are the real-world results of 4.9 for a standard mixed On-Road Drive, 4.6 for the Light Load and 7.5 for the Heavy Load trips (values in l/100 km).

3.7

/10

Greenhouse Gases Tests

	<u>Greenhouse gases</u>	CO ₂	N ₂ O	CH ₄
4.6	10 Cold Test			
4.9	10 Warm Test			
1.8	10 Highway			
2.6	10 Cold Ambient Test			



n.a.



good



adequate



marginal



weak



poor

Comments

The Duster collects all the bonus points foreseen for good methane (CH₄) and laughing gas (N₂O) control. In the standard Cold Lab test, 129 g CO₂/km are emitted at the tailpipe, and the addition of some 33 g CO₂-eq./km well-to-tank emissions related to the fuel supply increase the total greenhouse gas value to approx. 162 g CO₂-eq./km. Naturally, when fuel consumption increases, the CO₂ emissions also go up, reaching 211 g CO₂-eq./km in the Highway Test and leading to a poorer score.

Our Verdict

Here, Green NCAP tested the 2024 model of the Dacia Duster TCe 130 Petrol equipped with a 1.2-litre turbocharged engine, a 6-speed manual transmission and a 48V mild-hybrid system. This compact SUV is designed for buyers seeking a high level of everyday comfort and functionality with the added bonus of enhanced off-road capabilities. Despite being an SUV, the Duster can score well enough to reach Green NCAP's additional robustness test stage and prove its qualities under even more stringent testing. A key factor in these good results is undoubtedly the low mass of only 1,336 kg. The well-designed conventional powertrain persuades not only with reasonable fuel consumption values but also by scoring adequately in the Clean Air Index. The performance of the exhaust aftertreatment system remained robust and effective under all test conditions but additional improvements are possible, especially with focus on short trips with cold engine start and particle number and carbon monoxide emissions. The emitted greenhouse gases are better than expected for a vehicle of such configuration but yet cap the overall result, positioning the Dacia Duster TCe 130 in the fair range of 3 Green stars with Average Score of 50%.

Disclaimer [↗](#)

Specification

Tested Car

UU1DJF0107178xxxx

Publication Date 12 2024	Vehicle Class Small SUV	Tyres 215/60 R18	Emissions Class Euro 6 EA
Mass 1,336 kg	Engine Size 1,199 cc	Power/Torque 96 kW/230 Nm	Declared CO₂ 124 g/km
Declared Battery Capacity n.a.	Declared Driving Range n.a.	Declared Consumption 5.5 l/100 km	

Heating Concept

Waste heat



Think before you print