





Hyundai NEXO

hydrogen 4x2 automatic





Clean Air Index



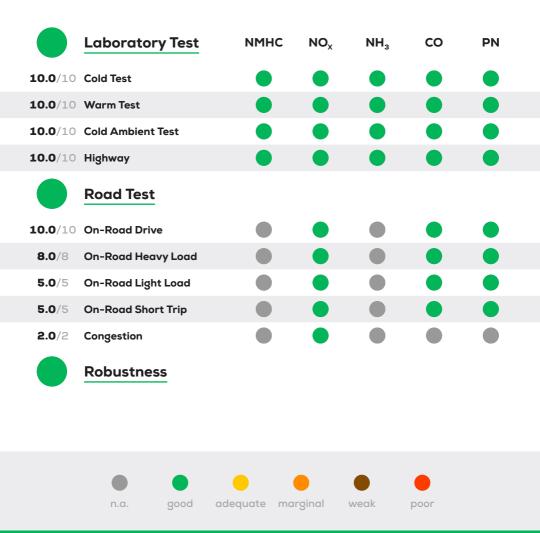
Energy Efficiency



Greenhouse Gas Index

Index





Comments

The NEXO is powered by a hydrogen fuel cell. Hydrogen is used to generate the electricity which is used to drive the car. The only thing that is emitted from the exhaust is water, so the vehicle scores maximum points in this part of the assessment.



Energy Efficiency Tests

Laboratory Test	Energy		
8.3/10 Cold Test	•		
8.9 /10 Warm Test	•		
6.5/10 Cold Ambient Test	•		
5.7/10 Highway	•		
	Consumption	Driving Range	
Average	1.3 kg/100 km	495 km	
Worst-case	1.7 kg/100 km	378 km	



Comments

Energy efficiency is extremely high, though not as high as a pure electric vehicle. Nevertheless, the car scores well in this part of the assessment with an index of 7.3.







Comments

The NEXO emits no greenhouse gases, its only tailpipe emission being water. Accordingly, maximum points are scored in this part of the assessment.



Our Verdict

First shown in 2018, the Hyundai NEXO is one of a small number of vehicles powered by a hydrogen fuel cell. In such vehicles, the hydrogen is not used directly as a source of power. Rather, the fuel cell uses the hydrogen to generate electricity which is then used to propel the vehicle, as in a conventional pure electric vehicle. There are no tailpipe emissions other than water. As a result, the NEXO scores full points for both the Clean Air and Greenhouse Gas indexes. Energy efficiency is also very high and the NEXO emerges with an average index just high enough to earn the car a maximum 5 star rating.

Disclaimer

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Mass

1,799 kg

Tested Car KMHJ8816FKU00xxxx Emissions Class Euro 6d-Temp

Engine Power/Torque 120 kW/395 Nm

Declared Battery Capacity n.a.

Engine Size

Published Driving Range

Tyres 245/45R19 98W

> Published CO₂ n.a.

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