





MAZDA CX-30

Skyactiv-X 180 petrol 4x2 manual





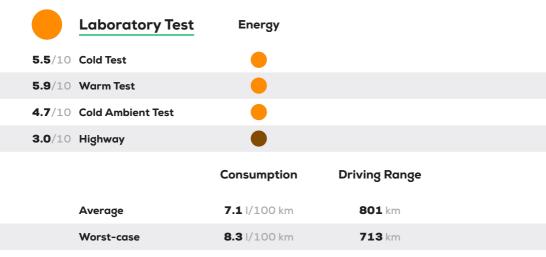
	Laboratory Te	est	NMHC	NO _x	$\rm NH_3$	со	PN
5.4 /10	Cold Test		•	•	•	•	
6.6 /10	Warm Test			•		•	
3.4 /10	Cold Ambient Test						
0.0 /10	Highway		•		•		
	Road Test						
6.1 /10	On-Road Drive					•	
4.0 /8	On-Road Heavy Lo	ad					
2.2 /5	On-Road Light Loc	ıd					
4.3 /5	On-Road Short Tri	р				•	•
1.0 /2	Congestion						
	Robustness						
	•				•	•	
	n.a. go	od adec	quate mar	ginal v	weak	poor	

Comments

In general, control of pollutant emissions is good. A three-way catalyst, exhaust gas recirculation and a gasoline particulate filter all help to keep emissions down. However, in the high-load highway test, values of CO are extremely high and the vehicle loses all points for this test.



Energy Efficiency Tests





Comments

The CX-30 scored an index of 4.7 in this part of the assessment, with an average fuel consumption of 7.1 I/100 km and a worst-case of 8.3 I/100 km in the high-load highway test.







Comments

Emissions of the unregulated pollutants ammonia, NH_3 , and Methane, CH_4 , are well controlled. CO_2 is slightly elevated in the high-load highway test but, otherwise, is not excessive.



Our Verdict

The CX-30 180 petrol employs Mazda's Skyactiv-X technology, with a very high compression ratio and lean fuel mixture to try to reduce emissions. This is combined with a 24 V mild-hybrid system to improve fuel efficiency. Together with the exhaust after-treatment - three-way catalyst, exhaust gas recirculation and a gasoline particulate filter - the car shows generally low values of pollutant emissions. The weakness is at high engine loads where values of carbon monoxide and carbon dioxide become elevated. This limits the scores in the Clean Air and Greenhouse Gas indexes. Overall, the CX-30 scores similarly across the three areas of assessment and emerges with a solid 2½ star rating.

Disclaimer

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Mass

1,467 kg

Tested Car JMZDM6WH60010xxxx Emissions Class Euro 6d

Engine Power/Torque 132 kW/224 Nm

Declared Battery Capacity n.a.

Engine Size

Published Driving Range n.a. Tyres 215/55 R18

Published CO₂ 133 g/km



Think before you print