



2019

Volvo XC40

T5 2.0, 4x4 auto






























6.8 
/10

Clean Air
Index

2.3 
/10

Energy Efficiency
Index

Clean Air Tests

 <u>Laboratory test</u>		HC	CO	NO _x	PN
7.3/9	Cold Test*				
3.0/3	Warm Test#				
3.0/3	Eco Mode#				
3.0/3	Sport Mode#				
0.0/9	Highway#				
 <u>Road test</u>					
7.0/7	On-Road Drive*				
 <u>Robustness</u>					

* Adapted regulatory test # Additional Green NCAP tests



Comments






The XC40 scores well in most tests for pollutant control. However, in the high-load highway test, emissions of carbon monoxide are sufficiently high that all points are lost.

Energy Efficiency Tests



Laboratory test

Energy

4.1/10	Cold Test*	
1.4/3	Warm Test#	
1.4/3	Eco Mode#	
0.9/3	Sport Mode#	
0.0/10	Highway#	

Consumption

Fuel

Average consumption	8.6 l/100km
Worst-case consumption	10.5 l/100km

* Adapted regulatory test # Additional Green NCAP tests



n.a.



good



adequate



marginal



weak



poor

Comments

Energy efficiency is, at best, marginal. In 'sport' mode, efficiency is weak and, in the high-load highway test, it is rated as poor and no points are scored.

Additional Information

Greenhouse Gases **

CO₂

Cold Test*



Warm Test#



Eco Mode#



Sport Mode#



Highway#



* Adapted regulatory test # Additional Green NCAP tests

** For indication only. The assessment of greenhouse gases does not currently form part of the rating.



n.a.



good



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Our verdict

Volvo's small off-roader, the XC40, is tested here as the T5 variant, with a two-litre petrol engine and automatic gearbox. The car has a three-way catalyst and a gasoline particulate filter, and these help it achieve a Clean Air Index of 6.8. In the lab tests, pollutant emissions are generally well controlled but the high-load highway test results in poor control of particulate number, limiting the car's Clean Air Index. However, the star rating is determined by the car's performance in Energy Efficiency and, here, it achieves an index of only 2.3. Energy efficiency is marginal in most of the lab tests and poor in the high-load cycle. Overall, the car achieves reasonable control of pollutant emissions but is let down by its poor energy efficiency.

Year of Publication

2019

Tested Car

YV1XZ13BCJ200XXX

Emissions Class

Euro 6d-Temp

Mass

1802 kg

Engine Size

1969 cc

Engine Power/Torque

182 kW / 350 Nm

Tyres

235/55 R18

Published CO₂

194 g/km



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