



O P E L



2021

# Opel/Vauxhall Corsa

1.2 DI Turbo petrol 4x2 automatic



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## Clean Air Tests



### Laboratory Test

|                          | NMHC | NO <sub>x</sub> | NH <sub>3</sub> | CO | PN |
|--------------------------|------|-----------------|-----------------|----|----|
| 4.8/10 Cold Test         | ●    | ●               | ●               | ●  | ●  |
| 7.2/10 Warm Test         | ●    | ●               | ●               | ●  | ●  |
| 0.0/10 Cold Ambient Test | ●    | ●               | ●               | ●  | ●  |
| 0.0/10 Highway           | ●    | ●               | ●               | ●  | ●  |



### Road Test

|                          |   |   |   |   |   |
|--------------------------|---|---|---|---|---|
| 6.1/10 On-Road Drive     | ● | ● | ● | ● | ● |
| 0.0/8 On-Road Heavy Load | ● | ● | ● | ● | ● |
| 2.6/5 On-Road Light Load | ● | ● | ● | ● | ● |
| 4.0/5 On-Road Short Trip | ● | ● | ● | ● | ● |
| 2.0/2 Congestion         | ● | ● | ● | ● | ● |



### Robustness



n.a.



good



adequate



marginal



weak



poor

### Comments

The 1.2 direct-injection petrol Corsa performs well in the less challenging tests. In the warm-start test especially, emissions are well controlled and the car scores 7.2 out of a possible 10 points. However, in the tougher tests, the car struggles to limit pollutant output and in the cold ambient temperature test the car scores no points.

5.9  
/10



## Energy Efficiency Tests



### Laboratory Test

### Energy

6.5/10 Cold Test



7.7/10 Warm Test



4.9/10 Cold Ambient Test



4.6/10 Highway



### Consumption

### Driving Range

Average

6.1 l/100 km

794 km

Worst-case

7.2 l/100 km

628 km



n.a.



good



adequate



marginal



weak
















poor

### Comments

Energy efficiency is not class-leading, with an average fuel consumption of 6.1 l/100 km and worst-case of 7.2 l/100 km.

# 4.6 Greenhouse Gases Tests

/10

|  | <u>Greenhouse gases</u> | CO <sub>2</sub>   | N <sub>2</sub> O  | CH <sub>4</sub>   |
|--|-------------------------|---|---|---|
| 3.4/7  | Cold Test               |  |  |  |
| 4.2/7  | Warm Test               |  |  |  |
| 2.5/7  | Cold Ambient Test       |  |  |  |
| 2.9/7  | Highway                 |  |  |  |



n.a.



good



adequate



marginal



weak



poor

## Comments

Emissions of Methane, CH<sub>4</sub>, and laughing gas, N<sub>2</sub>O, are very low in all of the tests. These are very potent greenhouse gases, unregulated by legislation, so it is very much to Opel's credit that emissions of these gases should be so low.


## Our Verdict

August 2023: The result of this car has been updated. Previously reported Ammonia (NH<sub>3</sub>) values were incorrect owing to a technical error with the equipment at the test laboratory and a correction has been applied.

The Corsa, an iconic vehicle in the Opel/Vauxhall model line-up for many years, is tested here with a 1.2 litre turbocharged direct-injection petrol engine. In the past, such cars would have struggled to limit particulate emissions but, equipped as it is with a gasoline particulate filter (GPF), the Corsa does a fine job in this regard. Indeed, pollutant emissions are generally well controlled in most tests but the car struggles in the more demanding tests such as cold ambient temperature and, here, emissions of several gases are high. For such a small car, the Corsa does not excel in energy efficiency but its greenhouse gas emissions are generally low, especially those of the unregulated gases. Overall, the Corsa emerges from Green NCAP's tests with a 2½ star rating.

## Disclaimer

|                           |                               |                     |                           |
|---------------------------|-------------------------------|---------------------|---------------------------|
| Publication Date          | Tested Car                    | Emissions Class     | Tyres                     |
| 02 2021                   | VXKUPHNSSL405 <sup>xxxx</sup> | Euro 6d             | 205/45R17                 |
| Mass                      | Engine Size                   | Engine Power/Torque | Published CO <sub>2</sub> |
| 1,170 kg                  | 1,199 cc                      | 96 kW/230 Nm        | 129 g/km                  |
| Declared Battery Capacity | Published Driving Range       |                     |                           |
| n.a.                      | n.a.                          |                     |                           |

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