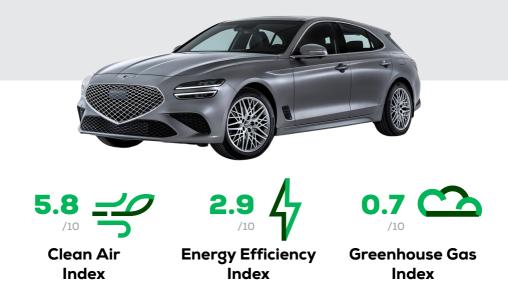




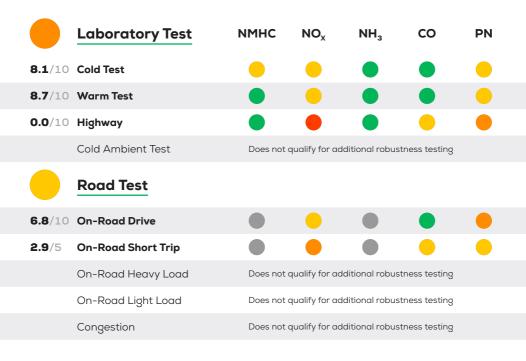


Genesis G70

Shooting Brake 2.2 diesel RWD automatic









Comments

The diesel G70 performs impressively well in both the cold and the warm WLTC+ laboratory tests, scoring at least 5.8 out of 10 points for each of the two runs. Especially noteworthy is the excellent particulate filtering efficiency, which reduces the particle number close to Green NCAP's lower (highest performance) threshold. Unfortunately, in the Highway Test, with 199 mg/km the NO_x emissions exceed the upper threshold by more than 3 times and the results of the whole BAB130 test is automatically set to zero, even though the other pollutants are still well controlled.



Energy Efficiency Tests

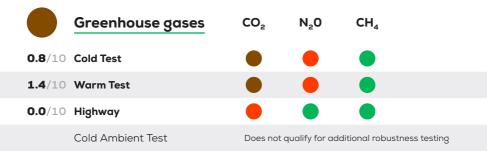
| | Laboratory Test | Energy | |
|----------------|-------------------|----------------------|-------------------------------|
| 3.4 /10 | Cold Test | • | |
| 3.7 /10 | Warm Test | • | |
| 1.7 /10 | Highway | | |
| | Cold Ambient Test | Does not qualify for | additional robustness testing |
| | | Consumption | Driving Range |
| | Average | 7.1 I/100 km | 851 km |
| | Worst-case | 8.0 I/100 km | 752 km |



Comments

In both laboratory WLTC+ tests, the Genesis consumes around 6.6 I/100 km. In the Highway Test, diesel consumption increases to 8.0 I/100 km and in the standard on-road drive 6.0 litres are required to travel 100 km. Overall, the laboratory figures combine to a rather low score of 2.9 in this part of the assessment.







Comments

The Genesis is barely able to score points for greenhouse gases in any of the test runs. It gathers the most points – 1.4/10 – in the Warm Laboratory WLTC+ Test: here, an upstream greenhouse gas equivalent of 32 g CO₂-eq./km originating from diesel production and supply is added to the measured tailpipe emissions to result in a total Well-to-Wheel+ of 210 g CO₂-eq./km. Laughing gas (N₂O) emissions are not always sufficiently well controlled for the car to merit the bonus points available.



Our Verdict

August 2023: The result of this car has been updated. Previously reported Ammonia (NH_3) values were incorrect owing to a technical error with the equipment at the test laboratory and a correction has been applied.

The 147 kW diesel Genesis G70 fails to impress, with poor energy efficiency and significant greenhouse gas emissions. However, it performs well with regard to pollutant emissions, except under full-load highway accelerations. The high NO_x output in the BAB130 motorway test prohibited an even better result in the Clean Air Index, which is a pity given the impressive particle emissions control. With an overall weighted index of 3.1/10, this luxury shooting brake just makes it to 2 Green Stars.

Disclaimer 🛛

Specifications

Publication Date 07 2022 Tested Car

Tyres 25/40 255/35 ZR1 Emissions Class Euro 6d AP

Mass 1,788 kg Engine Size 2,199 cc Power/Torque 147 kW/440 Nm Declared CO₂ 180 g/km

Declared Battery Capacity n.a. Declared Driving Range

Declared Consumption 6.9 l/100 km



Think before you print