



EMISSIONS TEST BOSCH + PEUGEOT 308

English documentation report

Historical Bosch exhaust checks combined with detailed emissions charts from KK Autoteknik. Together, the material indicates positive potential for cleaner and more efficient diesel operation.

DOCUMENTED DIRECTION - MEASURABLE IMPROVEMENT



Bosch emissions checks

The historical documentation includes exhaust checks performed by Rose Kfz GmbH in Wermelskirchen on 28 September 2023 using professional Bosch equipment and OBD control.

Ford diesel

PASSED

Emissions measurement and electronic OBD control completed

Porsche diesel

PASSED

Emissions measurement and electronic OBD control completed

POSITIVE DOCUMENTATION VALUE

Both passed checks show that the vehicles achieved a positive overall result in professional emissions control. The material adds practical evidence from ordinary diesel vehicles.



Combined technical direction

The Bosch checks show passed emissions results, while the Peugeot 308 test provides detailed curves for CO, HC, CO₂ and NO_x. Together they create a coherent basis for further documentation.

Practical validation

Passed Bosch checks on two different diesel vehicles.

Detailed measurements

Peugeot 308 charts for CO, HC, CO₂ and NO_x over a fixed driving cycle.

Fleet potential

A solid basis for the next test phase with truck telematics data.

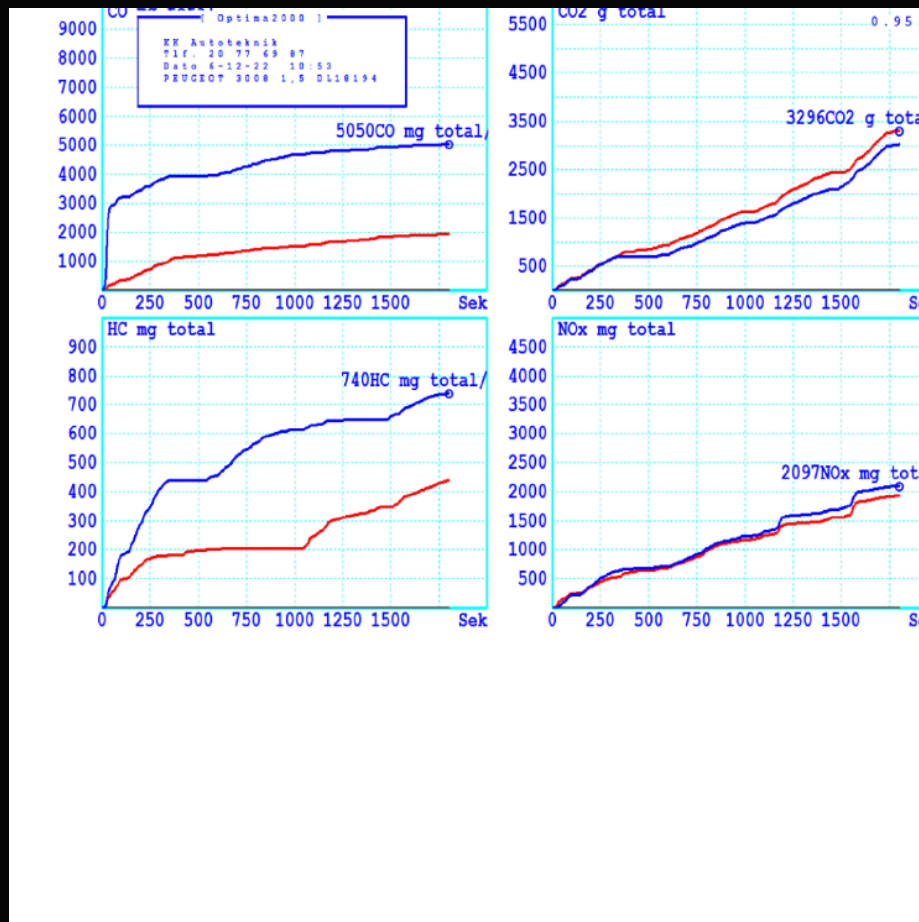
OVERALL POSITIVE ASSESSMENT

The test supports the potential for cleaner combustion and measurable emission improvement.



Peugeot 308 - emissions measurements

KK Autoteknik performed measurements on a Peugeot 308 1.5 BlueHdi with 72,000 km. Before and after measurements followed at least eight hours of rest and the same fixed 23.4 km driving cycle. The equipment was a newly calibrated TEXA 5 GAS analyser.



POSITIVE MEASUREMENT RESULT

The charts show a clear change in emissions after installation, especially for CO and HC. NOx is included as a separate measurement and provides a useful basis for further documentation of combustion, SCR load and AdBlue consumption.



Potential for NOx and AdBlue

Measurable NOx data

The Peugeot 308 test contains a separate NOx curve, strengthening the documentation because NOx is the emission reduced by the SCR and AdBlue system.

Cleaner combustion

The marked changes in CO and HC support the potential for more complete and efficient combustion.

Relevant to fleet testing

The results provide a strong technical direction for measuring diesel, NOx and AdBlue simultaneously on modern trucks.

Positive next phase

A controlled test on vehicle 1112 can show whether Zenride Optimizer reduces engine-out NOx and consequently the SCR system's automatic dosing demand.

OVERALL POSITIVE ASSESSMENT

The test supports the potential for cleaner combustion and measurable emission improvement.



Overall positive conclusion

The historical Bosch checks and Peugeot 308 measurements complement each other positively: the Bosch material shows passed checks on two diesel vehicles, while the Peugeot test visualises changes in CO, HC, CO₂ and NO_x.

STRENGTH OF THE DOCUMENTATION

The material shows a consistent positive direction across different vehicles, test environments and measurement methods. It provides Zenride with a valuable foundation for controlled fleet tests measuring diesel, CO₂, NO_x and AdBlue simultaneously.

CLEANER COMBUSTION - LOWER EMISSIONS

A strong basis for further documentation on modern commercial vehicles.