OXICAT - Oxygen Sensor & Catalytic Converter Cleaner

Oxygen Sensor & Catalytic Converter Cleaner

Product properties

OXICAT is a specially developed high-performance cleaner to sustainably and effectively remove, soot and carbon deposits in the entire exhaust tract, especially in the area of the catalyst, the lambda sensor, the turbocharger and the EGR valve. With regular use, it provides protection against renewed contamination, increases fuel efficiency, optimizes the engine performance and ensures the proper functioning of the catalyst and the lambda sensor. Thus OXICAT supports compliance with the emission limits.

ADVANTAGES
- Removes existing deposits
- Provides protection against heavy dirt with regular use
- Provides the engine performance Restores
- Ensuring the proper operation of the oxygen sensor / catalyst / the turbocharger and the EGR valve
- Prevents or eliminates problems that appear on OBD

WHY OXICAT?
Over time, caused by the continued pollution of the installed in the exhaust system components such as the catalyst, oxygen sensor, turbocharger and EGR valve, a significant increase in fuel consumption and the emission of harmful exhaust gases, such. As carbon monoxide and hydrocarbon. In addition, the engine performance deteriorates noticeably. These problems occur in all vehicles, especially over short distances and for vehicles with exhaust gas recirculation, direct injection and turbochargers, and in areas with poor fuel quality. Often there is OBD (On Board Diagnostic) error messages that are displayed to the driver of his cockpit.

Area of application

For use in all petrol and diesel engines and hybrid vehicles. Recommended use in vehicles that did not pass the emissions test (part of the main investigation) due to excessive exhaust emissions.

Application

Regularly every 3-4 months to admit the fuel tank. Observe mixing ratio!

Consumption

300 ml for up to 60-80 liter fuel. Mixing Ratio: 1:200

Reaction time

Works while engine is running

Technical data

Physical state: liquid
Colour: clear/colourless
Odour: characteristic
Flashpoint: ~70 °C DIN EN ISO 2719
Density at 68 °F: 0,88 g/cm³ DIN 51757
Water resistant
Viscosity / kinematic (at 104 °F): ~1,5 mm²/s

Available size	Item no.	PU
300ml	33230	24

OXICAT

Oxygen Sensor and Catalytic Converter Cleaner

Effective, fast, preventive – high-performance cleaner for the entire exhaust system (lambda probe, catalytic converter, turbo charger, EGR valve, etc.)

The product was launched on the international market for the first time in 2014 and was specially developed to unfolds its properties only during and after the combustion.

For optimal combustion of today's fuels, in diesel and gasoline engines, special attention is paid to the lambda probe. This determines the residual oxygen in the exhaust gas and influences the fuel-air mixture through the measurement result.
Since 2018 we have also been offering a variant specially optimized for hybrid vehicles.

Picture: Oxygen Sensor

The lambda probe is the main sensor in the lambda control loop for catalytic exhaust gas cleaning. The aim is to minimize the emission of pollutants such as nitrogen oxides, hydrocarbons and soot. Factors influencing the measurement, such as coking, soot and oily deposits, reduce the measurement accuracy of the lambda sensor in the exhaust tract. These inaccurate measurement results are then sent to the OBD – On Board Diagnostic System – whereby the system begins to initiate changes to the fuel-air mixture. These changes cause major problems: the engine no longer burns cleanly, engine shudder, poor throttle response, bad idle, high fuel consumption and even activation of the emergency program are the consequences.

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Picture: Engine check

Possible error messages: P0420 catalytic converter efficiency, P0300 P03XX ignition or combustion misfires detected, P0171 mixture too rich, P0170 mixture too lean

The well-known error messages of the lambda probe, which the driver often notice via a yellow warning light, mean that the lambda probe has to be replaced in the workshops, which is very cost-intensive.

A mechanic and a customer discuss repairs that have been done on her vehicle.

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The OXICAT – Oxygen Sensor and Catalytic Converter Cleaner from bluechemGROUP prevents the expensive replacement for the customer and ensures that the lambda probe is cleaned and thus delivers precise measured values. Since the exact fuel-air mixture is determined in this way, the engine works powerfully and reacts extremely precisely, while fuel consumption is significantly optimized. This in turn ensures the best possible exhaust gas values and, in addition, deposits in the catalytic converter are permanently removed.

Satisfied customer after visiting the workshop.

We recommend using it every 10,000 km for both diesel and gasoline engines. It could not be easier to use: Simply add OXICAT to the fuel tank before refueling.

"bluechemGROUP in harmony with vehicles and environment."

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