
VOLTRONIC [®] **D12 Diesel Smoke Stop**

VOLTRONIC [®] D12 – DIESEL SMOKE STOP is special formulated complete fuel system cleaner for EURO-IV and EURO-V engine where required extremely low ash additive. Approved for diesel engine with DPF (Diesel Particulate Filter), SCR (Selective Catalytic Reduction) system and common-rail fuel pump system. Easy application by directly admit into fuel tank for treat up to 80 L tank capacity. Content special cleaning materials to unclog injector, remove carbon deposit on EGR valve (Exhaust Gas Recirculation valve) and in the same time lubricating the EGR valve.

Faulty of EGR valve may lead to rough idle, knocking, poor engine performance and fail emission test. VOLTRONIC [®] D12 – DIESEL SMOKE STOP also helps to clean choked DPF (Diesel Particulate Filter), thanks to special Mn-P (Manganese Particle) metal additives ingredients. Mn-P additives acts like bullets-rains with the force of exhaust flow and brought sufficient heat from combustion room to rasp and burn carbon built up on DPF, EGR valve and O2/Lambda sensor. Save vehicle down time and expensive maintenance costs.

Country of Origin

Germany

Accreditation / approval

DIN EN ISO 9001:2000

Physical & Chemical Properties

State	: Liquid
Colour	: Yellow-brown
Odour	: Characteristic odour
Evaporation rate	: Slow
Solubility in water	: Slightly soluble
Also soluble in	: Most organic solvents.
Viscosity	: Non-viscous
Viscosity value	: 2
Viscosity test method	: Kinematic viscosity in 10 ⁶ m ² /sec at 40°C (ISO 3104/3105)
Boiling point/range °C	: 160-260
Melting point/range °C	: <0
Flammability limits %	
Lower	: 1.1
Upper	: 6.5
Flash point °C	: 65
Auto flammability °C	: >200
Vapor pressure	: 2.5 mbar
Relative density	: 0.8
VOC g/l	: 800

Key Features

- Remove carbon deposit on O2/Lambda sensor.
- Remove carbon deposit on DPF (Diesel Particulate Filter).
- Remove carbon deposit on EGR (Exhaust Gas Recirculation) valve.
- Lubricate EGR valve and maintain proper work of EGR valve.
- Restore engine performance and fuel efficiency.
- Reduce smokes.
- Reduce vehicle down time by avoiding force-burn.
- Protect DPF, EGR and O2/Lambda sensor from carbon fouled.
- Suitable for all EURO-I to EURO-V diesel engines with and without turbocharged.

Application

Solve of most Diesel EURO-I to EURO-V vehicle with the following engine symptoms:

- Black smokes lead to fail emission test.
- Rough idling.
- Knocking.
- Poor engine performance.
- DPF (Diesel Particulate Filter) choked triggered DPF check light.

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EURO-IV & EURO-V Diesel engine symptoms and solutions

Triggered Engine Check Light	EURO IV / V Diesel Engine Symptoms	Recommended Treatment
DPF (Diesel Particulate Filter)	<p>DPF (Diesel Particulate Filter) choked which mostly caused by Incorrect motor oil specifications where most of these engines required Extremely Low Ash motor oil.</p> <p>The sums of motor oil slipped into combustion room and burn together with diesel fuels. Use of Extremely Low Ash motor oil won't choke the DPF device.</p>	<ol style="list-style-type: none"> 1. Treat with VOLTRONIC® E20 Engine Flush before oil change. 2. Use VOLTRONIC® 5W30 or 0W30 Extremely Low Ash motor oil with VOLTRONIC® E55 Visco Plus (+). 3. Use engine diagnostic device with FORCE-BURN mode recommended by engine manufacturer.
Upper Oil Level	<p>Mostly caused by diesel fuel dropped to oil sump and increase the volume of motor oil.</p> <p>This feature (sensor) is added by engine manufacturer to protect engine from damages. Over filled of motor oil will cause serious engine damages.</p>	<ol style="list-style-type: none"> 1. Treat with VOLTRONIC® E20 Engine Flush before oil change. 2. Use VOLTRONIC® 5W30 or 0W30 Extremely Low Ash motor oil with VOLTRONIC® E55 Visco Plus (+). 3. Use engine diagnostic device to erase the faulty code where recommended by engine manufacturer.
Engine Check Light (Faulty EGR Valve)	<ul style="list-style-type: none"> • Black smokes. • Rough idling. • Knocking (pre-ignition). • Fail emission test. • Poor engine performance. 	<ol style="list-style-type: none"> 1. Treat with VOLTRONIC® E20 Engine Flush before oil change. 2. Use VOLTRONIC® 5W30 or 0W30 Extremely Low Ash motor oil with VOLTRONIC® E55 Visco Plus (+). 3. Use VOLTRONIC® D12 – DIESEL SMOKE STOP, admit 1 bottle directly into fuel tank (sufficient to treat up to 80 L diesel fuel). 4. Observe O2/Lamda sensor and EGR valve which should works properly. 5. Erase faulty code with diagnostic tools where recommended by engine manufacturer.

Packaging

Metal canister, 250 ml

Direction of use

Add directly into fuel tank.

1 bottle (250 ml) sufficient for treatment up to 80 L diesel fuel. Treat every 5,000 or 10,000 km mileage.

Suitable for EURO-I to EURO-V diesel engine with and without turbocharged.

Manufactured and packed in Germany by



Since 1964

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