Engine Flush (EF)

Engine Flush

Product properties

Engine Flush removes operational contamination and resin deposits in the entire oil and lubricating circuit, residue and carbonization in the piston rings and the upper cylinder area, neutralizes harmful engine acids. This leads to reduced fuel consumption, improved engine performance, reduced wear of the aggregates and longer life of the catalytic converter. In addition, Engine Flush protects the engine during the cleaning process through highly effective lubrication components.

Area of application

Use in oil and lubricant circulation in 4-stroke and diesel engines, manual gearboxes, differentials and high Performance engines like marine and emergency engines.

Application

Admit Engine Flush the oil circuit. After exposure time charge oil and filter according to manufacturer's instructions.

Consumption

375ml treats up to 5 liters of oil. Mixing ratio: 1:15

Reaction time

approx. 15 minutes with engine running

Technical data

Colour: green
Physical state: liquid
Odour: aromatic
Initial boiling point and boiling range: 180 - 220 °C
Flashpoint: 65 °C
Ignition temperature: > 200 °C
Vapour pressure at 68 °F: 20 hPa
Density at 68 °F: 0,790 - 0,820 g/cm³
Water resistant

Available size	Item no.	PU
375ml	P1001	28
1L	P1009	12
5L	P1002	4
10L	P1008	1
20L	P1007	1
200L	P1005	1



Our information is based on careful examination and may be considered as reliable. Hower, all information supplied is a non-binding advise. No liability for printing errors, technical modifications and errors excepted.

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Oil System Cleaner / Engine Flush

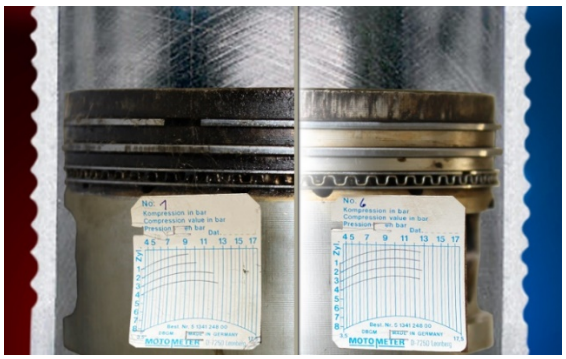
Cleaning of the entire Oil System

The Oil System Cleaner (PRO-TEC and bluechem) was the first product for cleaning the oil and lubrication system in Germany to be tested for effectiveness by the TÜV Thuringia!

Thus, the Oil System Cleaner was and is both the pioneer and the market leader in this area. This is confirmed by the daily use of internal engine cleaning in specialist workshops in over 120 countries.



Mode of action:
The product contains both highly lubricating and cleaning properties which ensure that optimum lubrication of the unit is guaranteed during use and at the same time not only loosens all dirt such as - oil sludge – carbon residues but dissolves it in a molecularly fine way.
With the use of Oil System Cleaner, the lubricity of the old engine oil is increased by up to 89%.
In particular, the area of the pistons and oil control rings are freed from all carbon residues in order to ensure that the piston rings can move freely in the piston ring groove so that they press optimally on the cylinder running surfaces.



As a result, each cylinder achieves optimal compression and the fuel-air mixture can be ignited optimally, the result is a very powerful combustion with at the same time the lowest consumption and exhaust emissions and optimal engine performance is achieved.
In addition, leaks from the combustion chamber to the crankcase are prevented so that neither large amounts of fuel or combustion gases can migrate into the crankcase.

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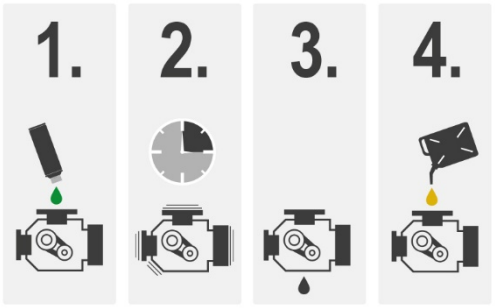
This ensures that there is no increased decomposition / aging of the engine oil and that the engine oil not only remains clean during use but can also optimally implement its performance characteristics.

By cleaning the oil and lubrication system, optimal engine oil penetration of the unit is ensured in all temperature ranges and operating conditions. The oil pump works optimally and the necessary volume flows of the engine oil are guaranteed over the entire power range of the unit.

Compatibility tests prove that PRO-TEC engine interior cleaning is fully compatible with all components, such as bearing shells - surfaces - Simmering's and elastomers of the engine.

Application:

1. Add to the used oil before changing the oil
2. Let the engine idle for 15 minutes
3. Drain the used oil
4. Change the oil
   according to the manufacturer's specifications



Result:

- Optimal lubrication of the engine
- Optimal oil volume flows in the unit
- Optimized compression
- Optimized exhaust gas values
- Optimized oil and fuel consumption
- Optimal performance of the unit

The manufacturer's specifications are restored through the use of the Oil System Cleaner.

"bluechemGROUP in harmony with vehicles and environment."

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