

DESCRIPTION

DPF Active Matic - fluid for machine cleaning of diesel particulate filters (DPFs). Its formulation has been developed with the design of DPFs and their contamination types in mind. Developed for use in closed-circuit cleaning machines with filter tanks. Laboratory tested.

DPF Active Matic:

- Unblocks soot-clogged filter channels from the so-called filter cake.
- Removes trapped soot particles from within the walls dividing filter channels. Deep bed filtration.
- Unblocks compressed ash from the back of filter inlet channels.
- Cleans the internal part of the steel filter casing from soot, oil, and its deposits.

It meets the following requirements:

1. No negative impact on the catalytic coating of the filter – the catalytic coating is necessary to ensure proper passive regeneration.
2. Alkaline pH - increased cleaning efficiency.
3. Low foaming properties - safe for the water pump as excess foam could easily damage it. Excess foam blocks the friction caused by water during cleaning.
4. The surface is not sticky once dry – fresh soot is not easily absorbed into the filter surface.
5. Safe for sealing elements in the water system.
6. It does not form a thick suspension inside the water tank, extending the service life of filter cartridges.
7. It contains corrosion inhibitors - safe for the steel filter casing.
8. Mild smell – its smell does not adversely affect the general working conditions.

How does DPF Active Matic work:

The product freely penetrates the filter cartridge (monolith) through its unobstructed outlet channels, and then uses microscopic holes in the walls dividing monolith channels to penetrate clogged inlet channels.

Its formula softens highly compressed and seized particulates both in the inlet channels of the filter and in its microporous dividing walls.

Carefully selected surfactants reduce the surface tension of the cleaning fluid, leading to better effectiveness of the fluid in penetrating filter micropores. The wash-over effect removes all contaminants from the cleaned surface.

Thanks to the right fluid viscosity, the movement of fluid particles is similar to friction.

Application:

Prepare a bath in the machine tank – 5% solution (add 20 l of water to 1 l of the fluid).
Then add 200 ml of the concentrate into each DPF before cleaning.

Recommended solution temperature: 60 – 80°C

Concentrate: 11-12 pH