SERVICEINFO

AIC *Germany*
Automotive Components

ADDITIV EOLYS
for diesel FAP particulate filter

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Additives against clogging in the diesel particulate filter

For short-distance journeys, diesel particulate filters have always been susceptible to clogging. Additives provide a solution.

As the name suggests, particulate filters retain the soot in the exhaust gases. At a certain exhaust gas temperature regeneration begins. This happens at fixed intervals. The soot particles burn off in the filter and it remain transparent. If the vehicle is driven mainly in city traffic or on short trips, the necessary exhaust gas temperature cannot be reached. This has the effect of clogging the filter.

For this reason, additives are used to ensure that the diesel particulate filter is cleaned even at low temperatures. When refueling, a portion of the additive (Eolys) is always mixed into the diesel. It leads to a reduction in the combustion temperature in the particulate filter. It impregnates the soot particles as they form in the combustion chamber, promoting combustion. PSA engines equipped with an FAP system have a bag containing the additive instead of a tank.

When this bag is empty, a warning message is displayed in the board computer warning that the additive must be refilled. Such a message can have the following „Additive level for diesel particulate filter too low". As soon as this message is displayed, the bag should be replaced. If the change is delayed, the soot particle filter clogs and the engine emergency program switches on. The particulate filter must be replaced, which can be very expensive compared to replacing the bag.

⚠ When is the bag empty?
The board computer displays a message „Additive level for diesel particulate filter too low".

? Application for PSA engines with FAP system
BMW Mini • Citröen • Ford • Mazda • Mitsubishi • Peugeot • Toyota • Volvo

Important note
Please replace the bag as soon as possible after the warning message. Otherwise, no Eolys will be supplied during refueling, the self-cleaning cycle will not be able to properly free the FAP, the filter will become clogged and must be replaced.

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