Guard Fill - Diesel (GFD)

Guard Fill - Diesel

Product properties

The Guard Fill Diesel keeps valves, injectors and combustion chambers free of carbonisation, reduces friction inside the engine and protects all metal surfaces from corrosion. The special combination of highly effective additives in the Guard Fill Diesel can reduce fuel consumption by up to 3% and emissions by up to 35% and is gentle to all materials in the engine and the diesel fuel system. Dampness and condensation will be removed and the upper cylinder area is well lubricated and protected. Guard-Fill keeps the engine in good condition during its entire life.

Area of application

For use in diesel powered engines. Recommended for engines with particle filter, turbo and catalytic converter.

Application

Fill directly into the diesel tank.

Consumption

75ml sufficient for 80 liters diesel. Mixing ratio: 1:1000

Reaction time

while engine is running

Technical data

Physical state: liquid
Colour: yellow
Odour: aromatic
Initial boiling point and boiling range: 200 - 210 °C
Flashpoint: 62 °C
Density at 68 °F: 0.83 - 0.87 g/cm³
Water resistant

Available sizes	Item no.	PU
75ml	P1270	24
250ml	P1274	24



Our information is based on careful examination and may be considered as reliable. However, all information supplied is non-binding advise. No liability for any printing errors. Technical modifications and errors are exempted.

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Guard Fill

The long-term protection with every refueling

Keeps inlet valves, injection nozzles and combustion chambers free of carbon-like deposits and at the same time protects all metal surfaces from corrosion

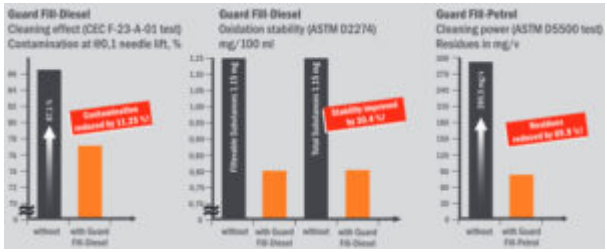
Disadvantageous factors such as short hauls, delayed service intervals and the regular use of standard fuels (petrol RON <95 and diesel CN <55) can have a negative effect on the engine and the fuel system.
These often cause combustion residues / coking in the entire combustion chamber, which have a negative effect on fuel consumption, engine performance, exhaust emissions and the service life of the catalytic converter (as well as DPF in diesel vehicles).



Commuter traffic on an expressway

But what does “short haul” actually mean?

In general, all routes under 10km are referred to as short hauls. On these short journeys, the engine does not manage to get warm enough, which means that the oil cannot reach the desired operating temperature. However, this is required to ensure that the engine is fully oiled.



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Proof of effectiveness

The result are harmful deposits that can seriously affect the combustion process. Even the fuel that gets into the oil pan via the combustion chamber can no longer evaporate at cold temperatures and collects in the oil pan. This dilutes the oil, so that the optimal lubricating properties can no longer be guaranteed.

In order to develop an ignitable mixture for combustion when cold, the engine needs more fuel, which is expressed in significantly higher fuel consumption.

For diesel vehicles in particular, short journeys are fatal in the long run, as the engines need significantly longer to develop the ideal operating temperature. If the diesel engine does not reach the desired warm-up phase, the engine management does not start the regeneration of the diesel particulate filter, which in turn encourages the particulate filter to become clogged and sooner or later the vehicle switches to emergency mode.

Therefore our tip: Regular use of Guard Fill Petrol (for gasoline engines) or Guard Fill Diesel (for diesel engines).



Product comparison

NEW! With the dosing bottles Guard Fill 1: 1000 you offer your customers an effective and inexpensive alternative for on the go!

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