Valve Contamination

Even modern engines are not entirely immune to the build-up of contamination. Short journeys and stop-start traffic around town in particular conceal an increased risk of contamination. However, poor-quality gasoline, inferior maintenance and missed service appointments can also soon lead to a badly contaminated fuel system.

Particularly susceptible areas: Intake and exhaust valves on gasoline engines. (See photo above). The build-up of carbon deposits disrupts the intake of combustion air and therewith the engine's optimum mixture preparation, leading to lower performance, higher fuel consumption and abysmal exhaust emission levels.

Particularly critical effects: The hard crust works like an insulating layer on the valve, preventing heat dissipation in the direction of the cylinder head. The valve becomes badly overheated and can be completely burnt out. The sorry consequence is major engine damage and high repair costs – and all because of "a bit of dirt".

Ventil Sauber
Art. Nr. 1014

Keep your engine clean
Liqui Moly fuel additives offer a simple solution to this problem. Example: **Ventil Sauber** (valve cleaner) (see photo opposite). Simply add some to the tank regularly when filling up with fuel. Ventil Sauber dissolves existing deposits and prevents new build-up. A 150 ml can is sufficient for a tank containing up to 75 liters.

By the way:
The cleaning, preserving action of Ventil Sauber has been tested by the TÜV test center in Thuringia and carries the TÜV seal of approval.

TÜV THÜRINGEN zertifizierter Wirksamkeitsnachweis Tested product effectivness 8141.102.04.40

Like this?

Above:
It may be a drastic case – but not an unusual example – of carbon deposits on a valve. This engine will definitely be running less efficiently. A clean-up is urgently required in this case to avoid expensive damage as a result.

Liqui Moly Ventil Sauber is able to break down carbon deposits gently and, if used regularly, prevent the build-up of contamination (see photo opposite)

Or like this!

Liqui Moly
Valve Cleaner