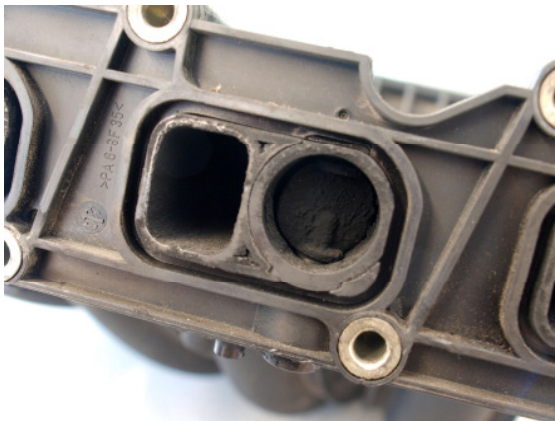


## Pro Line Intake System Cleaner for Diesel Engines



Picture 1: Intake manifold of a taxi after 150,000 km

### Interfering contamination

Often the intake systems and throttle valves of modern diesel engines are heavily contaminated (see picture 1).

### Contamination results in

- Power loss
- Poor throttle response and uneven engine running
- High fuel consumption
- Difficulties starting up
- Poor or uneven idling
- Increased pollutant emission



Picture 2: Intake manifold of a taxi after 150,000 km

### Cause

Due to the deposits and contamination, the air intake is reduced, the EGR valve is disturbed and air turbulences are created which negatively affect the sensor activity. As a consequence, the control unit is provided with incorrect measured values and mixture control is impaired.

### This contamination must be removed

The elimination of such contamination is very laborious. Normally, the intake pipe is disassembled and cleaned by hand. In practice, this means: scrubbing with a toothbrush or with a long circular brush. Afterwards, the intake pipe has to be re-assembled again. This effort incurs very high costs.

# AT A GLANCE – TECHNICAL INFORMATION



## **This could be done cheaper and easier – by using Liqui Moly Intake System Cleaner for Diesel Engines**

Create access to the intake pipe and just spray away the contamination. Due to the long spray probe the complete intake port can be cleaned. Start engine and clean the intake section by spraying at short intervals while the engine is running. If engine speed is considerably increased during cleaning the dosing of the spray rate must be reduced.

**Please note: Only use the product when the engine is running.**

**Suitable for vehicles with EGR system or diesel particulate filter.**

**The product is only suited for use in diesel engines.**

***When using the cleaner at each inspection the intake port usually looks as shown in the following picture.***



### **Result:**

***The engine runs clean, fuel-efficient and without any troubles again.***

***This is a highly professional and profitable solution for the problem.***