

# Product Information

TUNAP micrologic PREMIUM



PI 13300400ABV\_0207

micro  
logic®

## PREMIUM 133

### Valve Cleaner

Novel valve cleaner for all petrol engines (especially direct injection engines) removes even the toughest deposits on intake valves and in combustion chambers.



#### Properties:

- The product is applied via the intake system with the engine running
- Valves are cleaned without dismantling
- Cleans intake valves and valve stems
- Removes the toughest deposits in combustion chambers, especially in the piston fire land area
- Removes laquary deposits on exhaust valve stems
- Ensures precise valve seat
- Protects against valve burnouts
- Also suitable for older generation engines

#### Use it:

- Before all engine adjusting work and exhaust emission measurements
- In case of:
  - poor compression
  - excess fuel consumption
  - poor engine performance
  - delayed accelerator reaction or engine stuttering
- Cold starting problems or irregular warm-up phase
- Irregular engine running

#### Application:

Warm engine to operating temperature. Spray the product into the intake system at a suitable place using the nozzle, or, if spraying against the intake flow direction, with the sound. Use about one half of the product and let engine rest for 30 mins. Then use the rest of the can in the same manner. Take a test drive after cleaning. Observe service information **SI 133**.

Product description	Contens	Item number	Packaging unit
Valve cleaner	400ml	MP 13300400 ABV	12

## Valve Cleaning

in Petrol Injection Engines

with micrologic® PREMIUM 133 Valve Cleaner

**All work on fuel injection systems must be done under strictly clean conditions!**

### Application:

1. Warm up engine to operating temperature (ideally by driving rather than idling).
2. Administer the cleaner at a suitable place of the intake system. This may be done by a vacuum hose or a special connection (ref. figure below).
3. a. Use the probe if spraying against the direction of the intake airflow to make sure the cleaner is distributed evenly in all cylinders.  
b. When spraying in the direction of the intake airflow the product is automatically distributed to all cylinders. In this case using the nozzle is sufficient.
4. Spray about one half of the cleaner evenly into all intake channels with the engine running at ca. 2000 rpm. If using the probe, it must be moved back and forth between the individual channels to ensure even distribution of the product (ref. figure below).
5. Stop engine.
6. Let the cleaner take effect for 30 minutes to 1 hour.
7. Bring engine back to operating temperature.
8. Spray the second half of the cleaner as described in point 4.
9. Take a test drive immediately after completing the cleaning cycle.

### Dosage

For engines up to 5 cylinders: 1 can

For 6- and 8-cylinder engines: 2 cans

For 10- and 12-cylinder engines: 3 cans

2.



4.

