

# FOR CYLINDERS

Designed for restoring repair and further wear protection of the engine cylinder-piston group without disassembling,



**9 ml**

Art. XA 12105

**10 ml**

Art. XA 12505

**40 ml**

Art. XA 12605

Package: 9 ml — tube in blister; 10 ml, 40 ml — aerosol can.  
Ask your local dealer for prices.

## TECHNICAL CHARACTERISTICS

Main characteristics of the metalloceramics coating:  
microhardness — 750 kgf/mm<sup>2</sup>;  
high corrosion stability;  
roughness Ra up to 0.06 μm.

As a result of the gel application, the cylinder geometry is restored; its internal diameter is reduced; ellipse form disappears,

- Increases compression.
- Restores cylinder geometry.
- Eliminates scratches and tearings of 0.1 mm size.
- Protects cylinders against wear at cold start.
- Decreases noises and vibration.
- Increases engine power.
- Decreases fuel consumption.
- Reduces the content of CO and CH in exhausts.
- Selective repair is possible (treatment of one or several cylinders).

## APPLICATION INSTRUCTIONS

For cylinders of gasoline engines:

1. Warm up the engine to the working temperature.
2. Twist out the plug from the cylinder; disconnect the central cable of the sensor of ignition timing and switchboard.
3. For 2-stroke engines, put the piston to the upper "dead" point (to avoid the gel getting to inlet and exhaust ports).
4. Squeeze out (spray) the contents of one tube (aerosol can 10 ml) into the cylinder.  
**Attention!** Squeeze out the contents of the tube onto the cylinder wall and not onto the piston.
5. Let the piston have 15—20 strokes (with a crank, towing, by rolling a driving wheel, when it is in the air, etc).
6. Twist in the plug and drive the starter 3—4 times for 3—4 sec with the break intervals for 15—20 seconds.
7. For 2-stroke engines, dissolve the contents of another tube (aerosol can 10 ml) in 5—10 ml of motor oil and pour into the fuel tank.
8. Attach the central cable and switchboard, and run the engine at idle for 15 min.
9. Run the car in a usual mode.

## Dosage

**1 cylinder—1 tube (aerosol can 10 ml)**

**4 cylinders—1 aerosol can 40 ml**

## Note

- The treatment of a cylinder of diesel engines is the same as the treatment of a cylinder of gasoline engines. Introduce (spray) the gel-revitalizant into the hole of a sprayer or a glow plug.
- With the diameter of the cylinder over 120 mm, the revitalization cycle should be repeated.

