

## Lead Substitute

### Description

Lead Substitute is a novel blend of additives which has been formulated for engines with non-hardened valve seats designed for running with leaded fuels. Lead Substitute ensures that these engines can be easily converted to run with non-leaded fuels. Lead Substitute gives non-leaded fuels with the corresponding octane numbers outstanding valve-seat lubrication properties as well as having a cleaning effect on the mixture preparation system. This product makes exhaust emissions less harmful to the environment.

### Properties

- cleans the mixture preparation system as well as the intake valves and the combustion chamber
- no harmful effects on catalytic converters
- prevents increased valve and valve-seat wear
- contains no organometallic compounds
- simple to use
- highly economical

### Technical data

|   |                                       |
|---|---------------------------------------|
| Base  | Potassium compound                    |
| Color / appearance                              | red, clear                            |
| Density at 15 °C                                | 0,822 g/cm <sup>3</sup><br>DIN 51757  |
| Viscosity at 40 °C                              | < 7,0 mm <sup>2</sup> /s<br>DIN 51562 |
| Flash point                                     | 63 °C<br>DIN ISO 2592                 |
| Regulation on Flammable Liquids Class (Germany) | A III                                 |
| Odor  | characteristic                        |
| Form  | liquid                                |

### Areas of application

For older gasoline engines without hardened valve seats that originally required leaded gasoline according to the manufacturer's specifications.

### Application

Mixing ratio 1:1000. 250 ml Lead Substitute is sufficient for 250 litres of non-leaded fuels. Under and over dosing must be avoided. Suitable for vehicles with retrofitted catalytic converters

### Available pack sizes

|                                  |                |
|----------------------------------|----------------|
| 250 ml Dispensing bottle plastic | 1010<br>D-F-NL |
|----------------------------------|----------------|



### Available pack sizes

|                                  |                    |
|----------------------------------|--------------------|
| 250 ml Can sheet metal           | 1838<br>GB-GR-I    |
| 250 ml Dispensing bottle plastic | 2819<br>DK-N-S-FIN |
| 50 l Black plate barrel          | 2142<br>D-GB       |

**Our information is based on thorough research and may be considered reliable, although not legally binding.**