

## 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   | Kaliumverbindung /<br>Potassium compound |
| Color / appearance                                 | rot, klar / 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<br>Liquids Class (Germany) | A III                                    |
| Odor   | flüssig / liquid                         |
| Form   | charakteristisch /<br>characteristic     |

### Areas of application

For all engines with non-hardened valve seats.

### 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<br>plastic | 1010<br>D-F-NL     |
| 250 ml Dispensing bottle<br>plastic | 2819<br>DK/N-S-FIN |
| 250 ml Can sheet metal              | 1838<br>GB-GR-I    |
| 50 l Drum sheet metal               | 2142<br>D-GB       |

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