

## WAGNER Lead Substitute

**Petrol additive for 4-stroke engines - replaces the lubricating effect of lead in unleaded fuels and reliably protects older engines from valve wear and loss of compression.**

### Applications

Lead Substitute is used as fuel additive in all 4-stroke Otto engines of all types and years of construction.

WAGNER Lead Substitute also serves as an all-round wear protection additive for all vehicles that run on low-sulfur fuels, especially for vintage cars and heavily loaded vehicle and racing engines.

Tested for petrol-ethanol blends with 5%, 10%, 15%, 50% and 85% ethanol content.

### Advantages

- no negative effect on catalytic converters
- free of organometallic compounds
- reduces wear at not hardened valve seats
- avoids loss of compression and engine breakdowns
- cleaning of combustion chamber, induction valves, carburetors and fuel system
- conservation of value

### Technical Data WAGNER Lead Substitute

Property	Test method	Test result	Unit
Flash point (n-Butanol) (in closed cup)		35	°C
Explosion limits (n-Butanol)			
lower		1.4	Vol.%
upper		11.3	Vol.%
Density		0.8495	g/ml
Solubility in water		not miscible	

### Application & Dosing

It is best to add Lead Substitute before refuelling in a mix ratio of 1:1000.

**Example:** 40 ml of Lead Substitute are sufficient to treat 40 litres of petrol.

We recommend year-round use.

### Packaging

Available Container	Content	Item No.
Plastic dosing bottle	250 ml	042250
Metal round case	1 l	042001

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