

## WAGNER Octane Booster

---

**High-Tech fuel additive designed to increase the octane value and to maximize the performance of 2- and 4-stroke petrol engines.**

### Applications

---

For all petrol engines that do not perfectly work with E5, E10 up to E85 or premium fuels. Indispensable for classic cars.

Rated for use in the high-performance engines of racing vehicles, as well as all other petrol engines of cars, motorcycles, historic and classic cars as well as small engines.

Increases performance of all petrol engines and even improves the quality of racing and specialized fuels.

WAGNER Octane Booster can be mixed with every quality of petrol/ gasoline, including fuels with ethanol blends up to 100%.

### How It Works

---

The newly developed, metal-free combination of active ingredients optimizes poor petrol quality and increases the octane value by 2-4 points.

Unlike standard manganese octane additives, WAGNER's Octane Booster works by increasing petrol's energy density and its evaporation temperature.

Thus, petrol's distillation range is improved in the long term, its auto ignition temperature is raised. This results in a highly efficient and clean combustion process, which generates a much higher energy output from the fuel supplied. WAGNER Octane Booster combusts with minimal residue involving a measurable increase in performance and torque. Engine noises such as knocking, and incomplete ignition are eliminated.

### Advantages

---

- increase in octane value
- cooler and more efficient combustion
- reduces fuel consumption and emission levels
- enhances performance
- residue-free combustion preventing deposits on valves, valve seats, piston heads and spark plugs
- improves torque and acceleration
- eco-friendly, no harmful additives
- no hazardous material as defined by transportation regulations
- cleans the fuel system and intake valves
- prevents wear of valves and valve seats
- applicable in GDI (gasoline direct injection) engines
- longer service life of the entire fuel system
- reduces risks of expensive repairs
- high-tech fluid tuning

## WAGNER Octane Booster

### Technical Data WAGNER Octane Booster

Property	Test method	Test result	Unit
Form		liquid	
Colour		red	
Odour		light	
Molecular weight		132.16	g/mol
Boiling point/ (1,013.25 hPa)		191	°C
Melting point/freezing point		-99	°C
Flash point	in closed cup	91	°C
	in open cup	10	
Evaporation rate	butyl acetate=1	0.03	
Auto-ignition temperature (1,013 hPa)	EU test guideline A15	390	°C
Vapor pressure (20 °C)		0.05	hPa
Vapor density		2.6	mm <sup>2</sup> /s
Relative density (20 °C)		1.069	mm <sup>2</sup> /s
Solubility in water (20 °C)		completely soluble	
Completely soluble in fuels and solvents		alcohols; ethanol, methanol, ester, ether, aromatic hydrocarbons, petroleum ether	
Solubility in diesel fuel (20 °C)		insoluble	
Dyn. viscosity (20 °C)		11	mPa.s
Surface energy (20 °C)		33.5	Nm/m

### Application & Dosing

Dosage is dependent on the quality and octane value of the fuel used.

Fuel quality varies very much, therefore, it is not possible to indicate an exact dosing quantities. Optimization of the octane value can be more drastic with low octane petrol in comparison to premium fuels.

Dosage recommendation according to fuel quality:

92 octane or lower	2% i.e. 1 litre to treat 50 litres of petrol
95/98 octane	1-2 % i.e. 1 litre for 50-100 litres of petrol

Normally, the lambda value (air-fuel ratio) of high-performance engines is <1 in order to guarantee a sufficient engine cooling. By adjusting and adapting the lambda value to the fuel "boosted" by Wagner Octane Booster, higher performance and less fuel consumption can be achieved.

Regardless an octane value increase, 5% can be added to the petrol without any problem to get more power. Accidental overdosing does not impair the fuel system or the operational safety.

## WAGNER Octane Booster

---

For best results WAGNER Octane Booster should be used regularly, preferably before each refuelling.

### Packaging

---

Available Container	Content	Item No.
Metal round can	500 ml	054500
Plastic bottle	1 l	054001
Plastic canister	5 l	054005

The information of this datasheet is made to the best of our knowledge and advises only a technically certified user on possible applications. WAGNER Spezialschmierstoffe is not liable for any property damage incurred as a result of improper use, mishandling, and or any use outside the prescribed method of use, purpose, or application. Any and all warranty and or damage claims will be subject to investigation on the use, method of application, and intent of application of the used product.