

## Knock Out Octane Booster

**Bardahl Knock Out Octane Booster** is an easy-to-use gasoline addition, which increases the octane number of gasoline. The product does not contain lead or aniline and can be used in petrol with or without lead.

### The problem

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Many engines are constructed for the use of high-octane gasoline, when these engines use low-octane fuel, it "pings", which is a warning that the fuel burns badly, that there is a loss of power and possible damage to the engine. Even engines constructed to run on low-octane gasoline can start to deplete or ping due to the accumulation of deposition in the combustion chamber.

### How it works

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Deposition in the combustion chambers, incorrect adjustment or fuel with too low an octane number are all causes of the 'pinging' of the engine. Deposits in the combustion chamber may result in spontaneous ignition of petrol after the engine has been switched off. Regular adjustment of petrol engines with spark ignition guarantees the correct adjustment of the ignition and prevents the engine from pinging. Deposits in the motor can change the effective compression ratio of an engine. Such deposits can cause early inflammation and detonation (premature combustion). Premature ignition is ignition of the petrol/air mixture before the spark plug ignites this mixture and this then results in the so-called 'pinging'. Detonation can also result from the use of low-octane fuel. The use of Bardahl **Knock Out Octane Booster** increases the octane number of gasoline and creates a regular, more even combustion of gasoline, while reducing pinging due to premature ignition and detonation. The use also inhibits the afterputation due to deposition in the combustion chamber. Increases in the octane number may vary depending on the quality of the petrol. The tests have shown that an increase of 4 to max. 7 points is possible.

KO Treatment Level	RON Octane Gain
One Bottle To ( ) of Gasoline -- 1:50064 Gallons242 liters	4.0
One Bottle to ( ) of Gasoline -- 1:256 32 Gallons121 liters	6.5
One Bottle To ( ) of Gasoline -- 1:128 16 Gallons60.5 liters	9.0

The table given above shows the practical test of a Kia Ceed Turbo before addition and after addition of Bardahl Octane Booster according to instructions for use .

**Article number** 3503  
**Capacity** 300 ml

**Article number** 3511  
**Content** 5ltr