



Sufficiently effective by short period of time, eg 20 min.

Improve engine performance, eg fuel efficiency, engine sound, vibration and response

- ◎ Stable idling of engine
- ◎ Restoration of compression

Clean every gap of engine combustion chamber, including piston ring grooves, and improve the balance of compression of each cylinder. Also improve efficiency of engine combustion and reduce engine vibration/noise.

- ◎ Better fuel efficiency

Achieve better fuel efficiency through effect of cleaning carbon which improve efficiency of engine combustion

- ◎ Stable sound of engine, reduction of engine vibration
- ◎ Better vehicle emission control. Reduction of exhaust gas, eg CO and HC
- ◎ Smooth response of throttle
- ◎ Improve output characteristics of engine

(It may be influenced by driving condition of test vehicle)

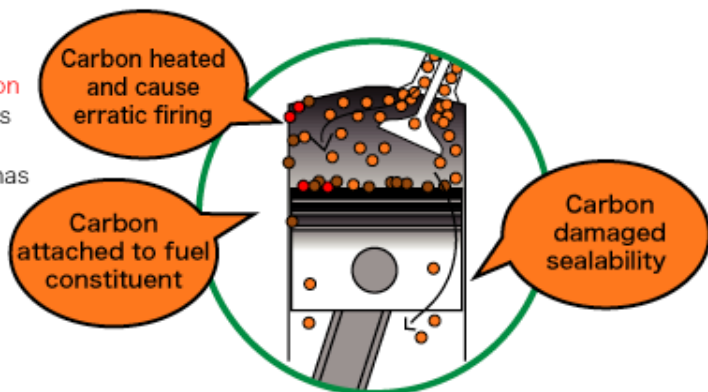


▣ Negative impact by carbon inside combustion chamber

Example of impacts

- Carbon attached to fuel constituent will damage fuel efficiency and develop more carbon
- Worse impact on fuel efficient vehicle which has less gas intake
- Heated carbon may cause erratic firing which has engine knocking
- Carbon attached to piston ring grooves will cause ring sticking and low compression.

Unbalanced compression of each cylinder will impact engine sound, vibration and throttle response



(Accumulated carbon through driving will degrade engine performance
CN101 cleans engine combustion system by quick operation to improve engine condition)

▣ Effect of CN-101

● Cleaning effect

Remove carbon attached to engine throttle & combustion chamber

It will dismantle carbon immediately and you can feel the cleaning effect after driving the mileage of 100km



● Improve engine performance

Data by compression gauge for four cylinder Unit: Mpa

	#1	#2	#3	#4
Before	1.22	1.20	1.18	1.20
After	1.30	1.30	1.28	1.31

○ Source: Oberon company data

● Improve fuel efficiency

Data by measuring device for fuel efficiency at driving the mileage of 200km

	Vehicle A Mileage at 44,000km	Vehicle B Mileage at 217,000km
Before	21.30km/L	14.81km/L
After	22.60km/L	17.82km/L

○ Source: Oberon company data

☐ Characteristics of CN-101

◎ Easy operation

Infuse CN-101 through air hose duct while engine turning on

- No special tool and expertise required
- Clean automatically by one push button
[One bottle for gasoline engine with 20 min]

◎ Specific know-how to achieve efficient cleaning

Recommend CN-101 operation by every 10,000km or two years which comes first