

**Cummins 6.7L engine FTP-75 driving cycle emissions test results.
(Comparative tests original / modified Software)**

"Original Software" means :

The original stock OEM software. Installed software version 55350435BH.

"Highest HP Software" means :

Software from Smarty S-67, level #9, highest timing , highest Rail Pressure, installed software version 55350435BH .

The FTP-75 test results:

Tailpipe emissions in metric units:

	Units	Original Software	Highest HP Software
CO	mg/Km	130,70	24,10
T.HC	mg/Km	166,80	32,80
CH4	mg/Km	144,50	30,30
NMHC	mg/Km	22,40	2,50
N0x	mg/Km	1.093,10	253,00
T.HC+N0x	mg/Km	1.259,90	285,70
CO2	g/Km	539,90	408,90
PM	mg/Km	1,20	1,01
# of Partikles	#/Km	'1,6E+11	'7,9E+10
Calculated Mileage	L/100Km	20,40	15,40

Tailpipe emissions converted into US units :

	Units	Original Software	Highest HP Software
CO	g/Mi	0,081	0,015
T.HC	g/Mi	0,104	0,020
CH4	g/Mi	0,090	0,019
NMHC	g/Mi	0,014	0,002
N0x	g/Mi	0,679	0,157
T.HC+N0x	g/Mi	0,783	0,178
CO2	g/Mi	335,478	254,079
PM	g/Mi	0,0007	0,0006
# of Partikles	#/Mi	9,94E+010	4,91E+010
Calculated Mileage	MPG	11,53	15,68

CO = Carbon Monoxide in the tailpipe emissions.

T.HC = Total Hydrocarbon in the tailpipe emissions.

CH4 = Methane in the tailpipe emissions.

NMHC = Non-methane hydrocarbons in the tailpipe emissions.

NOx = Nitrogen Oxides in the tailpipe emissions.

CO2 = Carbon Dioxide in the tailpipe emissions.

PM = Particulate Matter in the tailpipe emissions. (After the DPF!)

of Partikles = The number of particles in the tailpipe emissions. (Not mandatory nor regulated.)

Calculated Mileage = Mileage calculated from the tailpipe emissions.