

ITRI EMISSION TEST TOYOTA

EPA FTP-75 TEST

MAKE : TOYOTA

MODE TYPE : 2003 CE1EPD

AVERAGE SPEED : 80 km/hr

COMPARISON :

	CO(g/km)	HC(g/km)	NOX(g/km)
Before	0.76	0.093	0.21
After	0.63	0.080	0.17



CALCUATION :

$$\begin{aligned}
 & [(0.76-0.63) / 0.76 + (0.093-0.080) / 0.093 + (0.21-0.17) / 0.21] / 3 \times 100\% \\
 & = (0.17+0.14+0.19) / 3 \times 100\% \\
 & = 16.67\%
 \end{aligned}$$

REDUCE EMISSIONS : **16.67%**

EMISSION TEST-BEFORE TOYOTA

Exhaust Emission Test Result

Temperature : 24.0 °C Test Number : AE 06052101
 Relative Humidity : 48.0 % Weight : 1295 kg
 Barometric Pressure : 97.6 kPa Inertial Weight : 1300 kg
 Resistance : 404.1 F(80) N
 Time : 8.9 (65-75kph) sec
 Tires : 195/65R15
 Tires Pressure : 2.5 kgf/cm²

Categories		CO	NMHC	NOx	CO ₂
FTP -75	Test Result	0.76 g/km	0.093 g/km	0.21 g/km	179.3 g/km
	Deterioration	---	---	---	---
	Final Result	0.76 g/km	0.093 g/km	0.21 g/km	179.3 g/km
Categories		CO	HC	-----	-----
Idle	Test Result	0.0 %	127 ppm	-----	-----
	Final Result	0.0 %	127 ppm	-----	-----

1. The results presented in this report relate only to the specified test items.
2. Test vehicle is 2003 TOYOTA CE1EPD. No need to include deterioration factor.
3. Factory OEM. Before installing MOLETECH fuel saver.





EMISSION TEST-AFTER TOYOTA

Exhaust Emission Test Result

Temperature : 24.4 °C Test Number : AE 06060801
 Relative Humidity : 49.5 % Weight : 1296 kg
 Barometric Pressure : 98.4 kPa Inertial Weight : 1300 kg
 Resistance : 404.1 F(80) N
 Time : 8.9 (85-75kph) sec
 Tires : 195/55R15
 Tires Pressure : 2.5 kgf/cm²

Categories		CO	MMHC	NOx	CO ₂
FTP -75	Test Result	0.63 g/km	0.080 g/km	0.17 g/km	178.2 g/km
	Deterioration	---	---	---	---
	Final Result	0.63 g/km	0.080 g/km	0.17 g/km	178.2 g/km
Categories		CO	HC	-----	-----
Idle	Test Result	0.0 %	4 ppm	-----	-----
	Final Result	0.0 %	4 ppm	-----	-----

1. The results presented in this report relate only to the specified test items.
2. Test vehicle is 2003 TOYOTA CE1EPD. No need to include deterioration factor.
3. After installing MOLETECH fuel saver.

