VOSA Approved Vehicle Testing of Oxytane

These tests were carried out at Unit 33, Sugarbrook Road, Aston Fields Industrial Estate, Bromsgrove, B60 3DN, England, on September 16th 2008.

Tests carried out using Bosch 350 calibrated Diesel Smoke tester and Rotronics Dynometer.

Vehicle: **Toyota**

Mileage: **78709**

YOM: **1995**

Variant: **Celica 2.0 GT**

HC Testing:

The European Law allows a level of up to 1.0 CO for this vehicle, but, as you can see, this engine already had an output of 0.63 but more concerning was the HC at 78ppm.

European emission standards for passenger cars (Category M_1*), g/km

Tier	Date	CO	HC	NO_x	HC+NO_x	PM
Diesel						
EM1	January 1989	2.72 (3.16)	-	-	0.97 (1.13)	0.14 (0.18)
Euro 2, IDI	January 1993	1.0	-	-	0.7	0.08
Euro 2, DI	January 1993	1.0	-	-	0.9	0.10
Euro 3	December 1997	0.64	-	0.50	0.56	0.05
Euro 4	January 2003	0.50	-	0.25	0.30	0.025
Euro 5 (future)	September 2009	0.50	-	0.18	0.23	0.005
Euro 6 (future)	September 2014	0.50	-	0.08	0.17	0.005
Petrol (Gasoline)						
EM1	January 1989	2.72 (3.16)	-	-	0.97 (1.13)	-
Euro 2	January 1993	2.2	-	-	0.5	-
Euro 3	January 1997	2.30	0.20	0.15	-	-
Euro 4	January 2003	1.0	0.10	0.08	-	-
Euro 5 (future)	September 2009	1.0	0.10	0.06	-	0.005**
Euro 6 (future)	September 2014	1.0	0.10	0.06	-	0.005**

* Before Euro 5, passenger vehicles > 2500 kg were type approved as light commercial vehicle N1 - I
** Applies only to vehicles with direct injection engines

B O S C H
Cat. equipped vehicle
with closed loop control

TEST STATION
CHIPPED U.K.
UNIT 33, SUGARBROOK ROAD
ASTON FIELDS IND.EST.
BROMSGROVE, B60 3DN.
TEL: (01527) 579345
VTS number:

BEA version: V1.20-UK
AMM version: 000-B6

Date: 23.09.2008
Time: 12:52

VEHICLE DETAILS
Reg.Number: M856LYE
Manufact.: TOYOTA
Model: Celica
Type : Model Code
ST202 Engine Code
3S-GE 2.0L From VIN No
(last 7 digits) 0000001
Engine Capacity : 2000
Odometer Reading: 78709

DESCRIPTION
Oil temp. 67 °C

Fast Idle Test

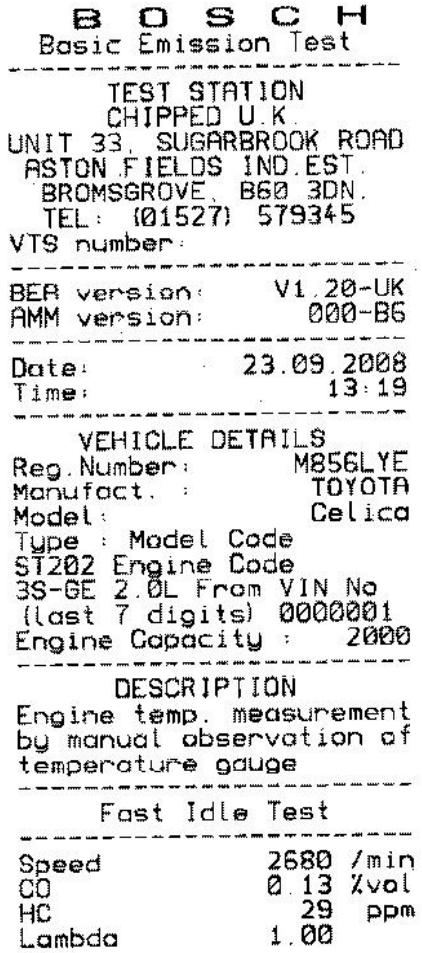
Speed	2460	/min
CO	0.63	%vol
HC	78	ppm
Lambda	1.00	

As you can see, the CO was at 0.63% with HC at 78ppm.

We then added 12ml of Oxytane directly to the fuel supply to give the desired balance of 1ml to 1 gallon of fuel and allowed the car to idle for 5 minutes giving the fuel enough time to mix.

We proceeded to do a direct comparison test using the exact same procedure as the previous test.

The results were of the biggest difference of all tests we have carried out so far with CO down to 0.13% and HC down to 29ppm.



B O S C H
Basic Emission Test

TEST STATION
CHIPPED U.K.
UNIT 33, SUGARBROOK ROAD
ASTON FIELDS IND.EST.
BROMSGROVE, B60 3DN.
TEL: (01527) 579345
VTS number:

BER version: V1.20-UK
AMM version: 000-B6

Date: 23.09.2008
Time: 13:19

VEHICLE DETAILS
Reg.Number: M856LYE
Manufact. : TOYOTA
Model: Celica
Type : Model Code
ST202 Engine Code
3S-GE 2.0L From VIN No
(last 7 digits) 0000001
Engine Capacity : 2000

DESCRIPTION
Engine temp. measurement by manual observation of temperature gauge

Fast Idle Test

Speed	2680	/min
CO	0.13	%vol
HC	29	ppm
Lambda	1.00	

This also meant that before oxytane was added to the vehicle it would not pass the MOT test for the UK market but afterwards passed with ease.

Conclusion:

The end result of this product is a proven drop of over 60% in Hydrocarbons and over 75% in CO.

The results go beyond what can ever have been expected, 12ml of Oxytane totally changed this cars emissions.

Simon White.