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 29th 2008.

Tests carried out using Bosch 350 calibrated Diesel Smoke tester.

Vehicle: **BMW**

Mileage: **50000**

YOM: 2006

Variant: 535d

HC Testing:

The European Law allows a mean level of up to 3.0 k/m with an FTP mean of 1.5 k/m for diesel Passenger cars produced after 2002.

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

Tier	Date	СО	HC	NOx	HC+NO _x	PM
Diesel			187			
EM1	January 1989	2.72 (3.16)	21	la:	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	127	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	0.08	0.17	0.005
Petrol (Gasoline	e)					
EM1	January 1989	2.72 (3.16)	21	140	0.97 (1.13)	
Euro 2	January 1993	2.2	-20		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	0.005**
Euro 6 (future)	September 2014	1.0	0.10	0.06	-	0.005**

Diesel smoke test
Test report

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
RTM vers: V2.0
Type of test: Fast pass
Category: A

Date: 29.09.2008
Time: 15:08

VEHICLE DETAILS
Reg. Number: OXYTANE TEST
Manufact: BMW
Odometer Reading: 50000

Ex. Probe: 1

DESCRIPTION
Oil temp. bypassed
Idle speed [/min] 680
Cutoff speed [/min] 680
Cutoff speed [/min] 3940

tA tH nIS nCS k
[s] [/min] [/m]
0.93 4.86 680 3940 0.09*

Zero Drift pass
max: 0.10 actual: 0.00

Mean value pass
max: 1.50 actual: 0.09

Test PASSED

Tested By: SIMON WHITE
Signature:

This BMW is already an extremely efficient vehicle adhering to European emission laws.

We then proceeded to run the car on the dynometer so ascertain the original power of the car.



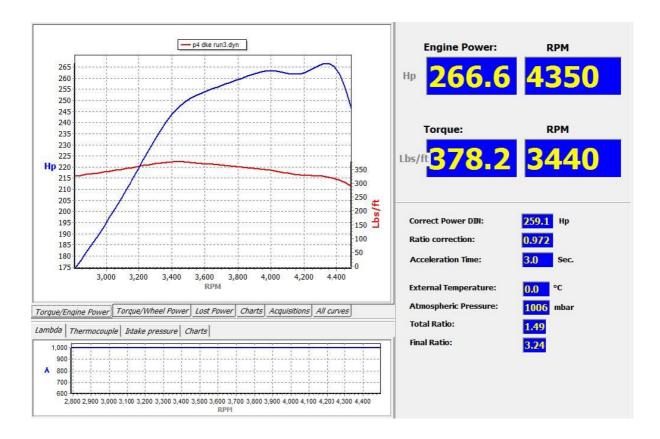
As the results show the car ran very close to the manufacturer's quoted figures. This is very good as the car was fitted with an automatic gearbox which usually lowers the dynometer power of a car by up to 10%.

After this test was completed we introduced 11ml of Oxytane directly into the fuel tank. We allowed the car to idle for 5 minutes before running the car on the dynometer for the equivalent of ten miles in order to allow the Oxytane to run through the entirety of the fuel system.

We then reproduced exactly the same MOT emissions test on the car to find how the Oxytane had affected the emissions output of this already highly efficient BMW engine. As you can see the results of the second test are fantastic. The emissions have been reduced by 33% bringing the mean value of 0.09k/m, down to 0.06k/m.

R O S C H
BOSCH Diesel smoke test Test report
TEST STATION
CHIPPED U.K. UNIT 33, SUGARBROOK ROAD
RSTON FIELDS IND.EST. BROMSGROVE, B60 3DN.
TEL: (01527) 579345 VTS number:
REA version: V1.20-UK
RTM vers: v2.0 Type of test: Fast pass
Category:
Date: 29.09.2008 Time: 15:41
VEHICLE DETAILS
VEHICLE DETAILS Reg.Number: OXYTANE TEST Manufact: BMW Odometer Reading: 50000
DESCRIPTION Dit temp. bypassed Idle speed [/min] 680
Cutoff speed [/min] 3950
tA tH nIS nCS k [s] [/min] [/m]
0.75 2.72 680 3940 0.06*
Zero Drift pass
max.: 0.10 actual: 0.00
Mean value pass max.: 3.00 actual: 0.06
FPT mean value pass max.: 1.50 actual: 0.06
Test PASSED
Tested By: SIMON WHITE Signature:
-

We then ran the car again on the dynometer to see if there was any resulting increase in power. The results were far beyond all expectations again. As you can see from the graph below the car produced an extra 4hp overall and an extra 6lbs/ft of torque. But in some places in the mid-range we saw an increase in torque of nearly 30lbs/ft and 21hp. This is a staggering improvement. With the car giving an improvement in power across the entire RPM band from low down, right the way through to the top at 4400rpm.



This car would have passed a UK emission test for an MOT with no problems at all. But to further reduce the emissions output of the car by 33% is a fantastic result. The car showed a huge improvement in the amount of fuel being burnt, along with a massive reduction in the fuel being wasted.

Conclusion:

The end result of this product is a proven drop of 33% in the emissions output of this vehicle.

The results have again surpassed all expectations, as just 11ml of Oxytane totally changed the cars emissions. We have seen and heard the additional benefits of using Oxytane with the engine note becoming smoother and quieter than that of the car with no Oxytane.

With the added benefit of extra power as well, we must fully recommend the use of Oxytane on this vehicle in every tank of fuel.

Simon White.