



24 April 2008

## Mtech Fuel Saver Test Report

**Client :** Moletech Global HK Limited

**Product :** Mtech Fuel Saver

**Testing Objectives :-**

To test fuel economy improve, if the petrol engine installed 'Mtech Fuel Saver'.

**Equipment used :**

1. Vehicle No. FZ 3320  
Mark : Lexus / Toyota  
Manufacture date : 2003  
Engine No. : MCV30-6023223  
Engine Capacity : 2994 cc  
Mileage accumulate : 33334 km
2. Dynamometer  
Dynamometer Manufacturer : USA  
Maximum capacity 3.5 tonnes  
Maximum power 60hp at 60 mph  
Road load range 0 to 35 hp at 50 mph
3. Precision Electronic Weighting Machine



**Testing Period :**

From 27/ 3 / 2008 to 18 / 4 / 2008.

### Test procedure :

The engine performance test was carried out in the ETC HK Ltd.

1. Place the car on the dynamometer and set up the base data before install “ Mtech Fuel Saver ”
2. The petrol tank was topped up until reach the neck of the filler. ( see appendix 1 )
3. Start the engine and drive the car on the dynamometer for 80 minutes and traveled 106 km distance. ( see appendix 2 )
4. To follow the driving cycle which is controlled by the computer during the drive period on the dynamometer. ( see appendix 3 )
5. After complete the test on the dynamometer, use the spare fuel to top up the petrol tank until reach the neck of the filler. ( see appendix 4 )
6. To place the spare fuel container on the electronic weighting machine. Hence that the fuel consumed could be determined on the electronic weighting machine during the test period. ( see appendix 5 )
7. To add the “ Mtech Fuel Saver ” into the petrol fuel tank of the car and drive the car on the road until the traveled 1128 km distance.
8. To conduct test again on 18 / 4 / 2008, the car equipped with “ Mtech Fuel Saver ” .
9. Repeat the procedure 1 to 6.

In experiment, the results were obtained as follows :

Ambient Temperature 30 °C



### FUEL CONSUMPTION TEST

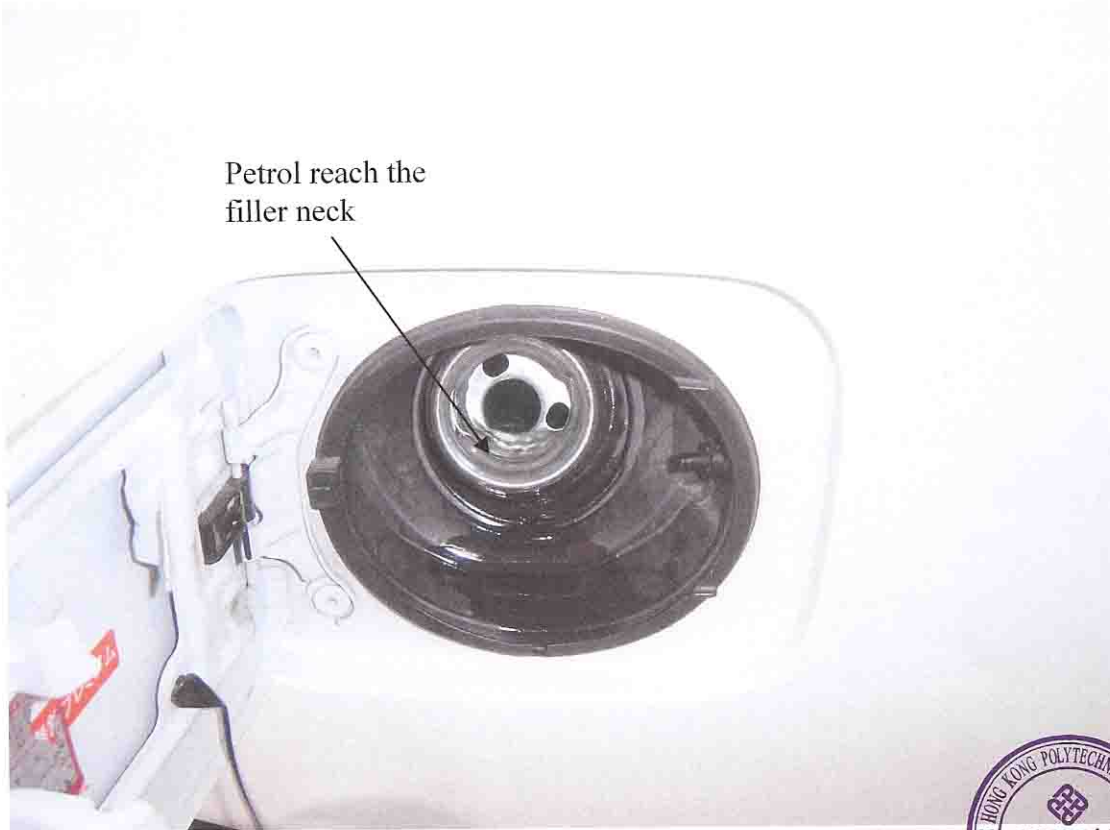
Distance travel ( km )	Without Mtech Fuel Saver Fuel Consumed ( litre )	With Mtech Fuel Saver Fuel Consumed ( litre )	Fuel Save ( % )
106	4.51	4.02	-10.9

**Conclusion :-**

The petrol engine test result shows that the fuel save 10.9 %, after adopted “ Mtech Fuel Saver ”.



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Petrol reach the  
filler neck

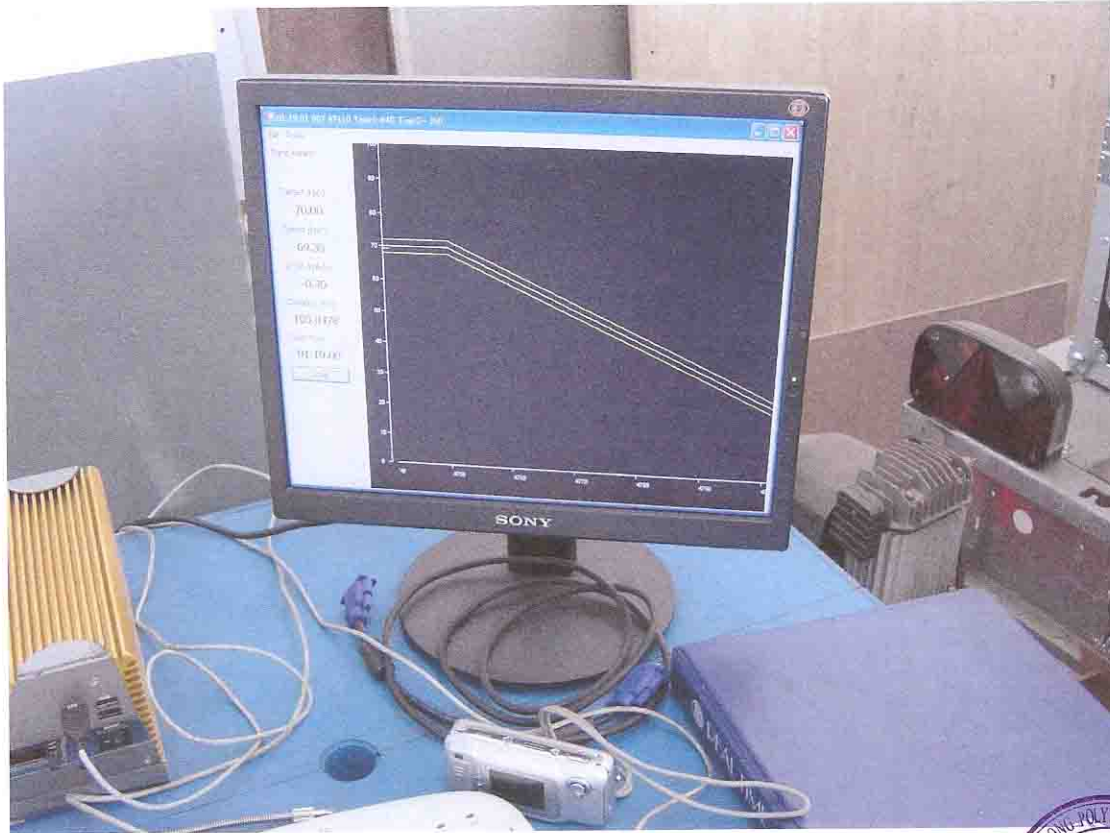
**Topped Up the Fuel Tank**





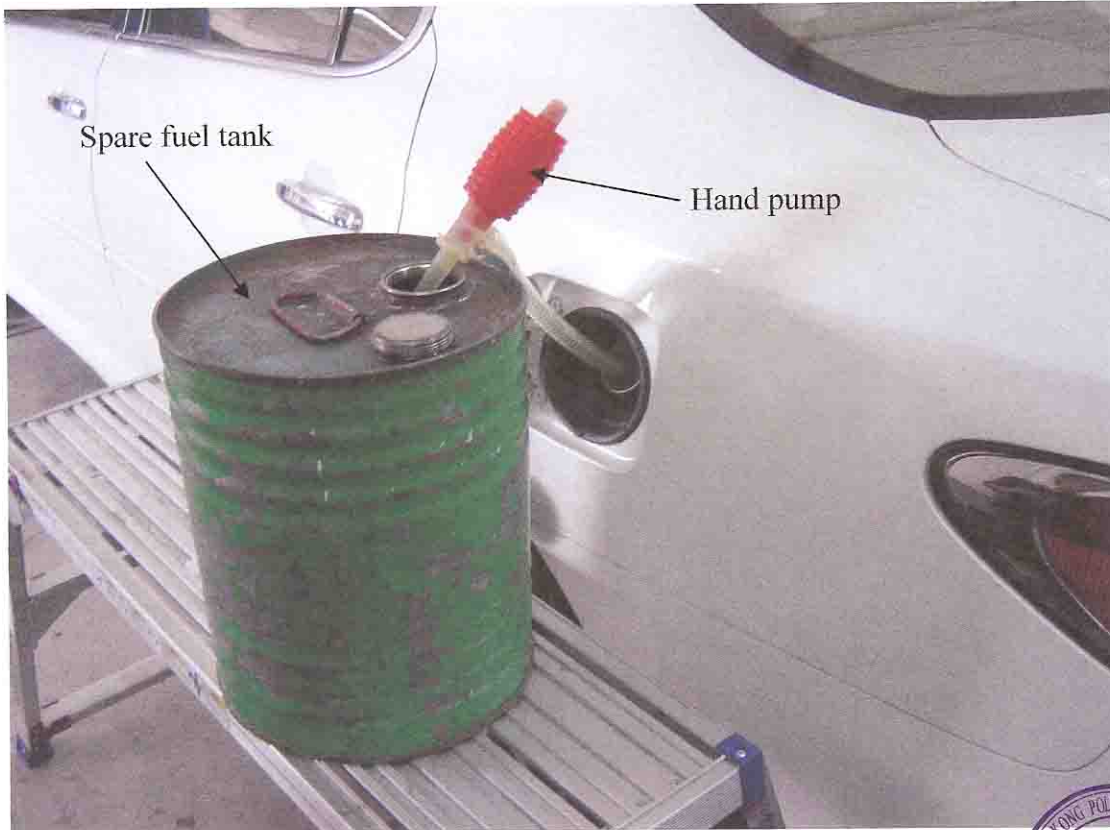
**Drive on the Dynamometer**





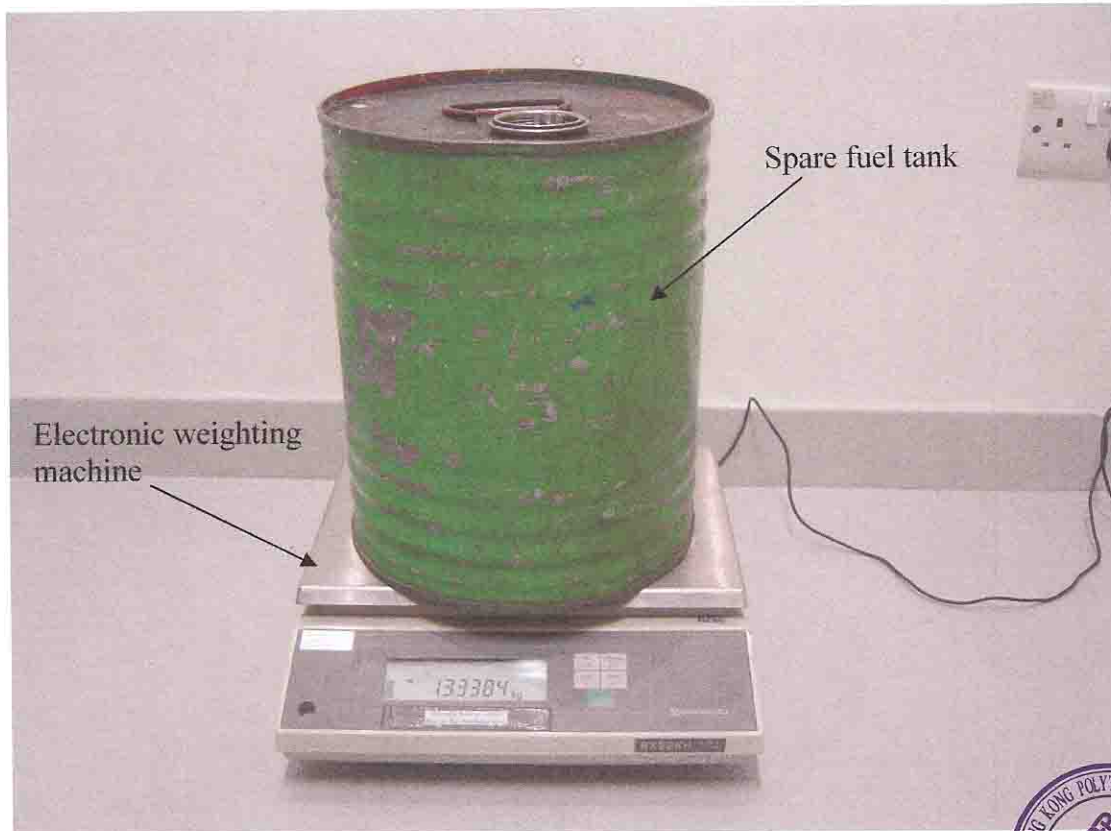
Computer Monitor Displays Driving Cycle





**Use Spare Fuel to Top Up the Petrol Tank**





**Determine the Fuel Consumption**

