





## 2. EQUIPMENT:

Vehicle:

Type vehicle	Mercedes C180
S/N	WDD2040311A903272
Displacement	1595 cc
Kw	-

Dynamometer test bench:

Temperature	From 20°C to 28°C
Incline	7%





# TEST REPORT CONSUMPTION TEST

Date: 13/12/2013

Submitted by: Emer SpA

Submitted to: IO-Energies S.r.l.

## 3. TESTS PERFORMED

TEST 1: Test performed on the vehicle without the filter

Km start test	13167 Km
Km at 90 km/h (D3 gear)	25 Km (from 13167 Km to 13192 Km)
Km at 120 km/h (D5 gear)	25 Km (from 13192 Km to 13217 Km)
Km end test	13217 Km
LT fuel consumed	9,02 l

TEST 2: Test performed on the vehicle with the filter

Km start test	13304 Km
Km at 90 km/h (D3 gear)	25 Km (from 13304 Km to 13329 Km)
Km at 120 km/h (D5 gear)	25 Km (from 13329 Km to 13354 Km)
Km end test	13354 Km
LT fuel consumed	7,09 l

## 4. RESULTS

<u>PETROL CONSUMPTION</u>	LT/TEST	LT/100 KM
TEST 1	9,02 l	18,04 l
TEST 2	7,09 l	14,18 l
FUEL SAVING	1,93 l	3,86 l

<b>SAVING %</b>	<b>21,40%</b>
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R&D Director

