

Test result

Comparisomn of Fuel Consumption

issued by
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In Charge: Mr. Dipl.-Ing. Worseck

Cars in comparisomn: 1. Prototype Messrs. Jetcar GmbH
2. VW Lupo 1.2 TDI 3L

Covered distance: Berlin – Hamburg – Neuruppin (Motorway A24)
1 stop each distance

Test result: **Car 1: 2.9 L/100 Km**
Car 2: 3.5 L/100 Km

Mode of Testing

Test carried out: 2003 – 08 – 26

Covered distance: Berlin – Hamburg / Hamburg – Neuruppin (Motorway A24),
1 stop each distance

Drivers: Christian Wenger – Rosenau, GF Jetcar, weight: 67 Kgs
Lars Krüger, Jetcar GmbH, weight: 75 Kgs
Jörg Kunow, Jetcar GmbH, weight: 103 Kgs

Regulations to assure an adequate comparisomn

1. Cars are driving in convoy with a distance of approx. 50 meters, changing positions and drivers after each stop
2. Distance covered is the average of the meters of both cars
3. Filling up in Berlin, Hamburg and Neuruppin for both cars, same station, same pump

Car 1			Berlin - Hamburg - Neuruppin			
Location	Berlin	1st stop	Hamburg	Hamburg	1st stop	Neuruppin
Time (h:min)	11:22	13:11-13.44	14:50-15.15	15:15	16:40-16.52	17.35-18.00
Time of the journey (h:min:sec)	-	01:46:41	01:06:21	-	01:24:52	00:42:48
Km on the meter / Distance	4014 / 0	4177 / 163	4289 / 112	4289	4431 / 142	4497 / 66
Fuel (L)	full	-	8,22	full	-	5,76
Driver no.	1	2	3	3	2	-
Tires	Continental ContiEcoContact 135/70 R15 70T, nearly new, leight-weight rims					
Tire pressure (bar)	3,4					
Engine Power (KW)	30					
Cubic Capacity	800					
Tank Volume	15					
Total weight, tank full (Kgs)	699, front: 313, rear: 386					
Equipment	no spare tire, no tools, fire extinguisher, 2 seats one behind the other, standard equipment inside, all instruments, coverage sideways inside, leight-weight body, safety glass or plastic windows					
Total distance (Km)	483 (measured average of both cars: 488,5)					
Driving time (sec)	18042					
Average speed	97,5 Km/h					
Total fuel consumption	13,98					
Average fuel consumption	2,86 --> 2,9					

Car 2			Berlin - Hamburg - Neuruppin			
Location	Berlin	1st stop	Hamburg	Hamburg	1st stop	Neuruppin
Time (h:min)	11:22	13:11-13.44	14:50-15.15	15:15	16:40-16.52	17.35-18.00
Time of the journey (h:min:sec)	-	01:46:41	01:06:21	-	01:24:52	00:42:48
Km on the meter / Distance	987 / 0	1153 / 166	1268 / 115	1268	1414 / 146	1481 / 167
Fuel (L)	full	-	10,93	full	-	6,34
Driver no.	2	1	2	2	3	-
Tires	Bridgestone B381 ECOPIA 155/65 R14 75T, nearly new, magnesia leight-weight rims					
Tire pressure (bar)	2,5					
Engine Power (KW)	45					
Cubic Capacity	1191					
Tank Volume	32					
Total weight, tank full (Kgs)	871, front: 550, rear: 321					
Equipment	standard equipment 1,2 TDI 3L, airbags driver and co-driver, magnesia steering wheel, 4 seats					
Total distance (Km)	494 (measured average of both cars: 488,5)					
Driving time (sec)	18042					
Average speed	97,5 Km/h					
Total fuel consumption	17,27					
Average fuel consumption	3,53 --> 3,5					