

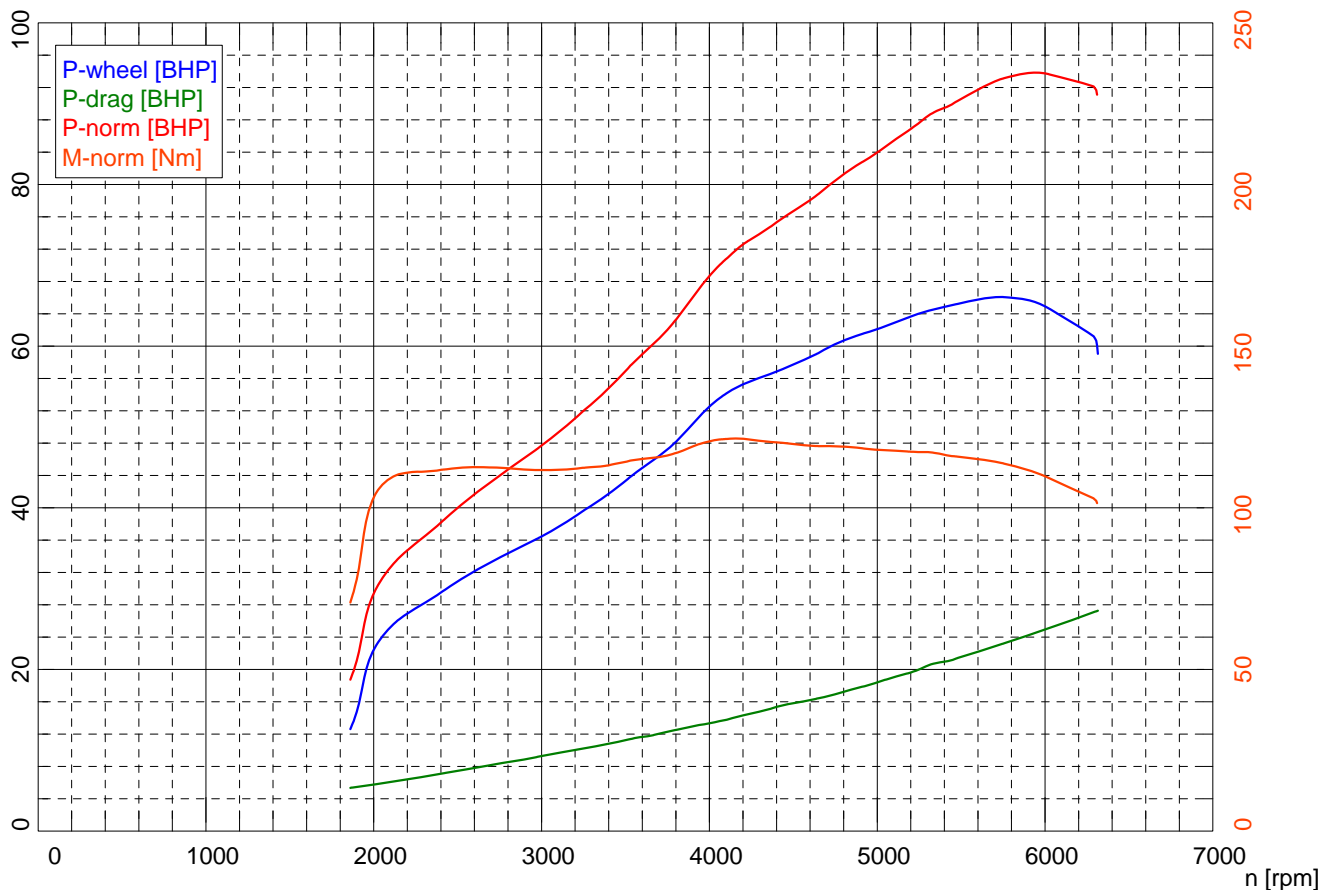
Vehicle type: TOYOTA VIOS 1.5 2008  
License plate: 8047  
Inspector: C-TESTER

Otto-Motor / No or mechanical charger  
Automatic transmission  
Front drive

2 LPG

Measurement date: 08.02.2010 (15:49)

Page 1



### Power data

Corrected power 1)	$P_{Norm}$	93.8 BHP / 69.0 kW
Engine power	$P_{Eng}$	89.9 BHP / 66.1 kW
Wheel power	$P_{Wheel}$	65.5 BHP / 48.2 kW
Drag power	$P_{Drag}$	24.5 BHP / 18.0 kW
Max. power at		5935 rpm / 153.9 km/h
Torque 1)	$M_{Norm}$	121.4 Nm
Max. Torque at		4180 rpm / 108.4 km/h
Max. attained RPM		6315 rpm / 163.8 km/h

1) Correction acc. to SAE J 1349  
Correction factors:  $Q_V = 0.00\%$ ,  $P_{VA} = 0.00$  BHP

### Ambient data

Ambient temperature	$T_{Ambient}$	34.3 °C
Intake air temperature	$T_{Intake\ air}$	38.2 °C
Relative humidity	$H_{Air}$	58.9 %
Air pressure	$p_{Air}$	1008.5 hPa
Steam pressure	$p_{Steam}$	31.8 hPa
Oil temperature	$T_{Oil}$	---- °C
Fuel temperature	$T_{Fuel}$	---- °C

### Slip

Speed no load	$V_{no\ load}$	---- km/h
RPM no load	$n_{no\ load}$	---- rpm
Speed full load	$V_{full\ load}$	---- km/h
RPM full load	$n_{full\ load}$	---- rpm
Slip		---- %

### Rotating mass

Average delay run down 1	$a_1$	---- m/s <sup>2</sup>
Average Brake force run down 1	$F_1$	---- N
Average delay run down 2	$a_2$	---- m/s <sup>2</sup>
Average brake force run down 2	$F_2$	---- N
Force of the rotating mass	$F_{rot-total}$	---- N
Rotating total mass	$m_{rot-total}$	310.0 kg
Rotating test stand mass	$m_{rot-dyno}$	250.0 kg
Rotating vehicle mass	$m_{rot-vehicle}$	60.0 kg