

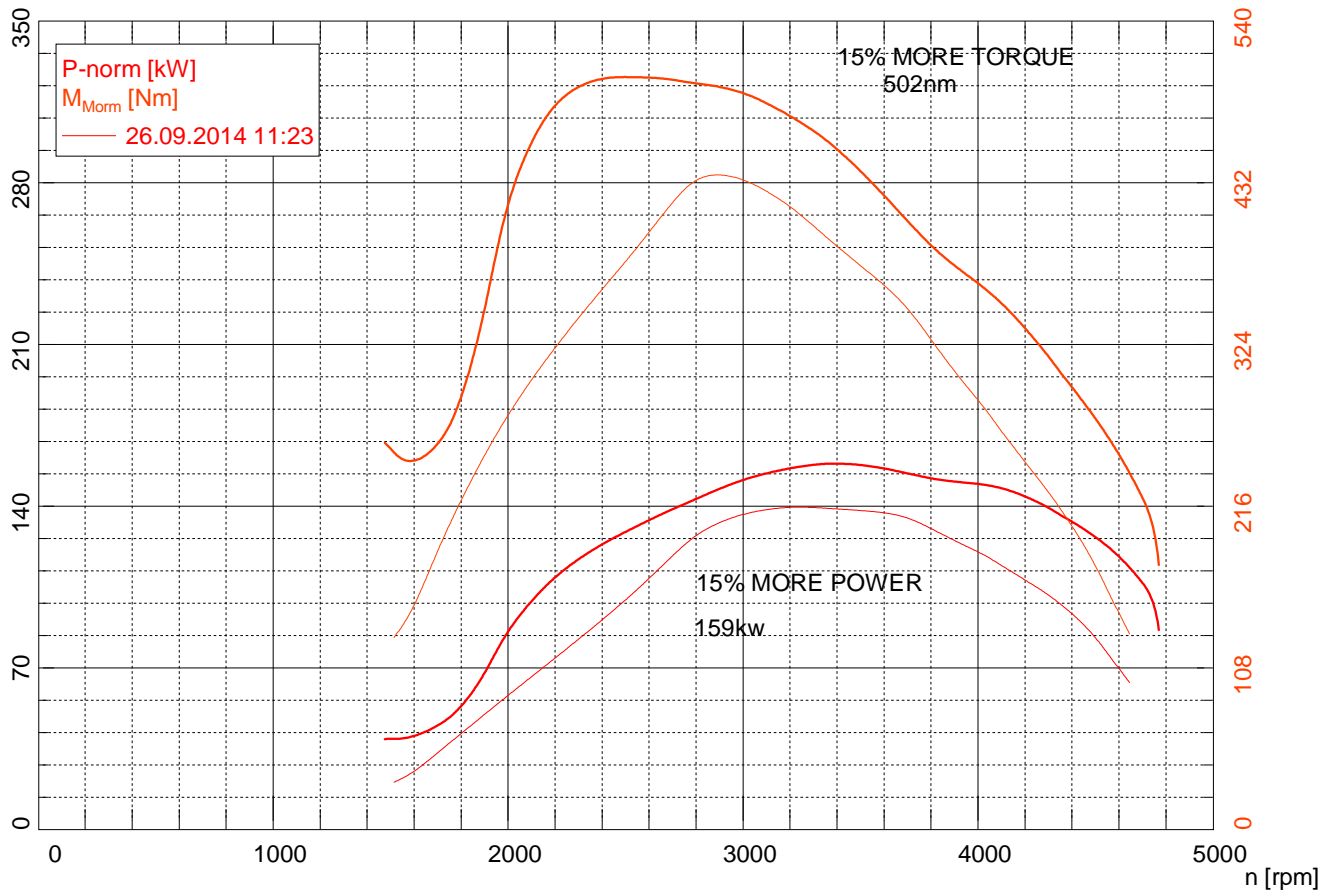
Vehicle type: MAZDA BT-50
 License plate: CEA80M
 Inspector: TW

Diesel-Motor / Turbo charger (air-cooled)
 Manual transmission
 4 wheel drive

POWER RUN 1
 VERSION 2 SOFTWARE vs STANDARD
 DPL

Measurement date: 26.09.2014 (11:43)

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Power data

Corrected power 1)	P_{Norm}	158,2 kW / 215,1 BHP
Engine power	P_{Eng}	158,2 kW / 215,1 BHP
Wheel power	P_{Wheel}	124,3 kW / 168,9 BHP
Drag power	P_{Drag}	34,0 kW / 46,2 BHP
Max. power at		3320 rpm / 110,8 km/h
Torque 1)	M_{Morm}	502,3 Nm
Max. Torque at		2450 rpm / 81,7 km/h
Max. attained RPM		4770 rpm / 156,2 km/h

1) Correction acc. to DIN 70020
 Correction factors: $Q_v = 0,00\%$

Ambient data

Ambient temperature	$T_{Ambient}$	23,7 °C
Intake air temperature	$T_{Intake\ air}$	21,5 °C
Relative humidity	H_{Air}	48,7 %
Air pressure	p_{Air}	1017,2 hPa
Steam pressure	p_{Steam}	14,3 hPa
Oil temperature	T_{Oil}	19,0 °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

a_{1-FA}	---,--- m/s ²	a_{1-RA}	---,--- m/s ²
F_{1-FA}	----,--- N	F_{1-RA}	----,--- N
a_{2-FA}	---,--- m/s ²	a_{2-RA}	---,--- m/s ²
F_{2-FA}	----,--- N	F_{2-RA}	----,--- N
$F_{rot-total-FA}$	----,--- N	$F_{rot-total-RA}$	----,--- N
$m_{rot-total-FA}$	350,0 kg	$m_{rot-total-RA}$	375,0 kg
$m_{rot-dyno-FA}$	280,0 kg	$m_{rot-dyno-RA}$	305,0 kg
$m_{rot-vehicle-FA}$	70,0 kg	$m_{rot-vehicle-RA}$	70,0 kg