O.E.Motorsport - www.oemotorsport.com
48, Anton Strashimirov str.
Gorna Oryahovitsa, 5100, Bulgaria
Tel. 0876646604, 0898644947, info@oemotorsport.com

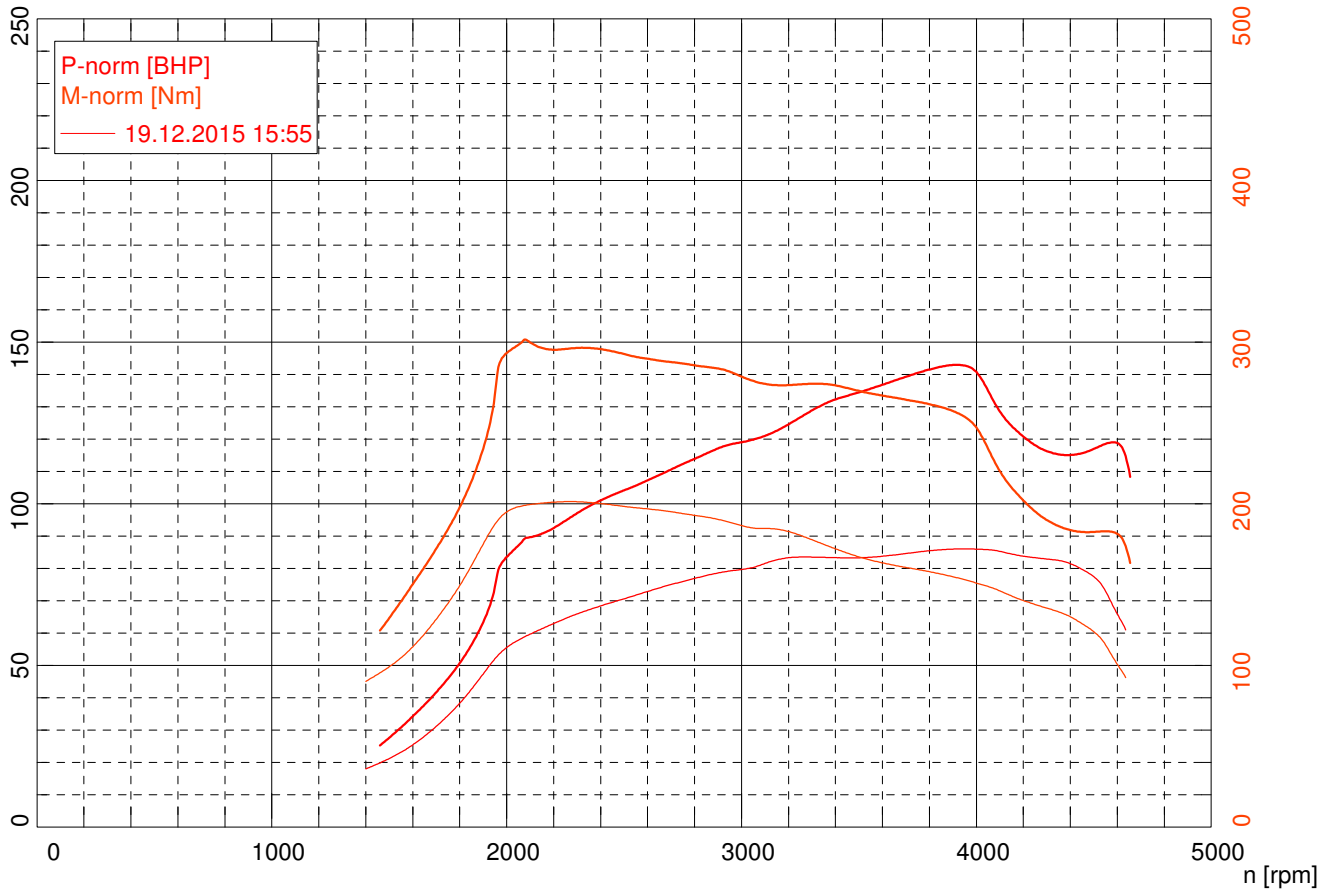
LPS 3000 PKW

Vehicle type: Ford Connect 1.8TDCI
License plate: BT0803BX
Inspector: Nikolay Nikolov

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

O.E.Motorsport Chip Tuning / EGR Removal

Measurement date: 19.12.2015 (15:43)



Power data

Corrected power 1)	P_{Norm}	142.9	BHP	/	105.1	kW
Engine power	P_{Eng}	144.4	BHP	/	106.2	kW
Wheel power	P_{Wheel}	116.1	BHP	/	85.4	kW
Drag power	P_{Drag}	28.3	BHP	/	20.8	kW
Max. power at		3915	rpm	/	116.6	km/h
Torque 1)	M_{Morm}	301.6	Nm			
Max. Torque at		2080	rpm	/	61.9	km/h
Max. attained RPM		4660	rpm	/	138.8	km/h

1) Correction acc. to DIN 70020
Correction factors: Q_V = 0.00 %

Ambient data

Ambient temperature	$T_{Ambient}$	12.4	°C
Intake air temperature	$T_{Intake\ air}$	10.7	°C
Relative humidity	H_{Air}	60.3	%
Air pressure	p_{Air}	1005.0	hPa
Steam pressure	p_{Steam}	8.7	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/s²
Average Brake force run down 1	F_1	-----.-	N
Average delay run down 2	a_2	---.---	m/s²
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