

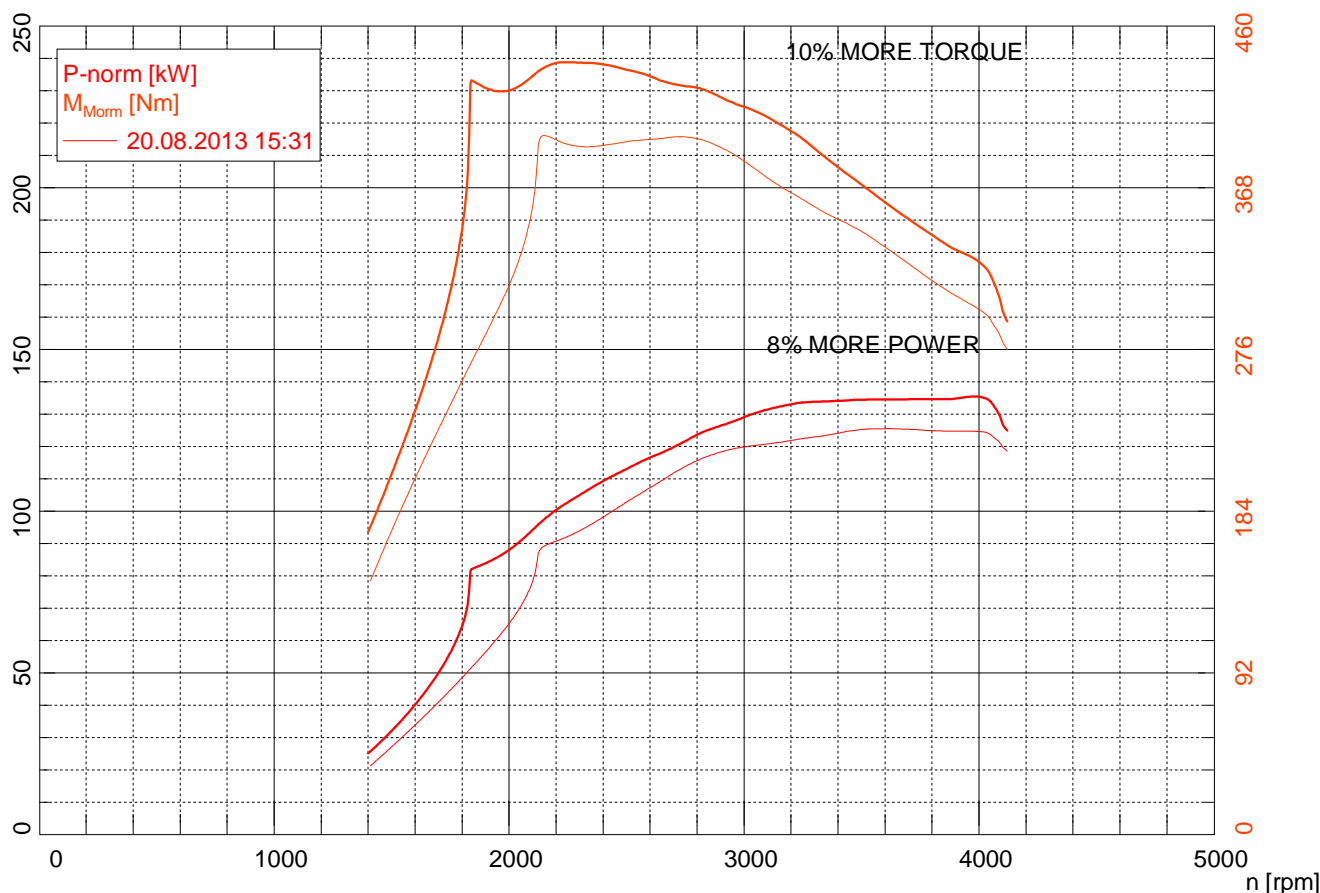
Vehicle type: 2009 TD4 16V FREELANDER
 License plate: BLZ01Q
 Inspector: TW

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

POWER RUN 4 V1 SOFTWARE UPGRADE

Measurement date: 20.08.2013 (15:47)

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Power data

Corrected power 1)	P_{Norm}	135,3 kW / 184,0 BHP
Engine power	P_{Eng}	135,5 kW / 184,2 BHP
Wheel power	P_{Wheel}	100,0 kW / 135,9 BHP
Drag power	P_{Drag}	35,5 kW / 48,3 BHP
Max. power at		3955 rpm / 136,8 km/h
Torque 1)	M_{Morm}	439,2 Nm
Max. Torque at		2225 rpm / 76,9 km/h
Max. attained RPM		4120 rpm / 141,6 km/h

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

Ambient data

Ambient temperature	$T_{Ambient}$	21,0 °C
Intake air temperature	$T_{Intake\ air}$	19,2 °C
Relative humidity	H_{Air}	23,2 %
Air pressure	p_{Air}	1012,7 hPa
Steam pressure	p_{Steam}	5,8 hPa
Oil temperature	T_{Oil}	18,0 °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
$m_{rot-total-FA}$	340,0 kg	$m_{rot-total-RA}$	365,0 kg
$m_{rot-dyno-FA}$	280,0 kg	$m_{rot-dyno-RA}$	305,0 kg
$m_{rot-vehicle-FA}$	60,0 kg	$m_{rot-vehicle-RA}$	60,0 kg