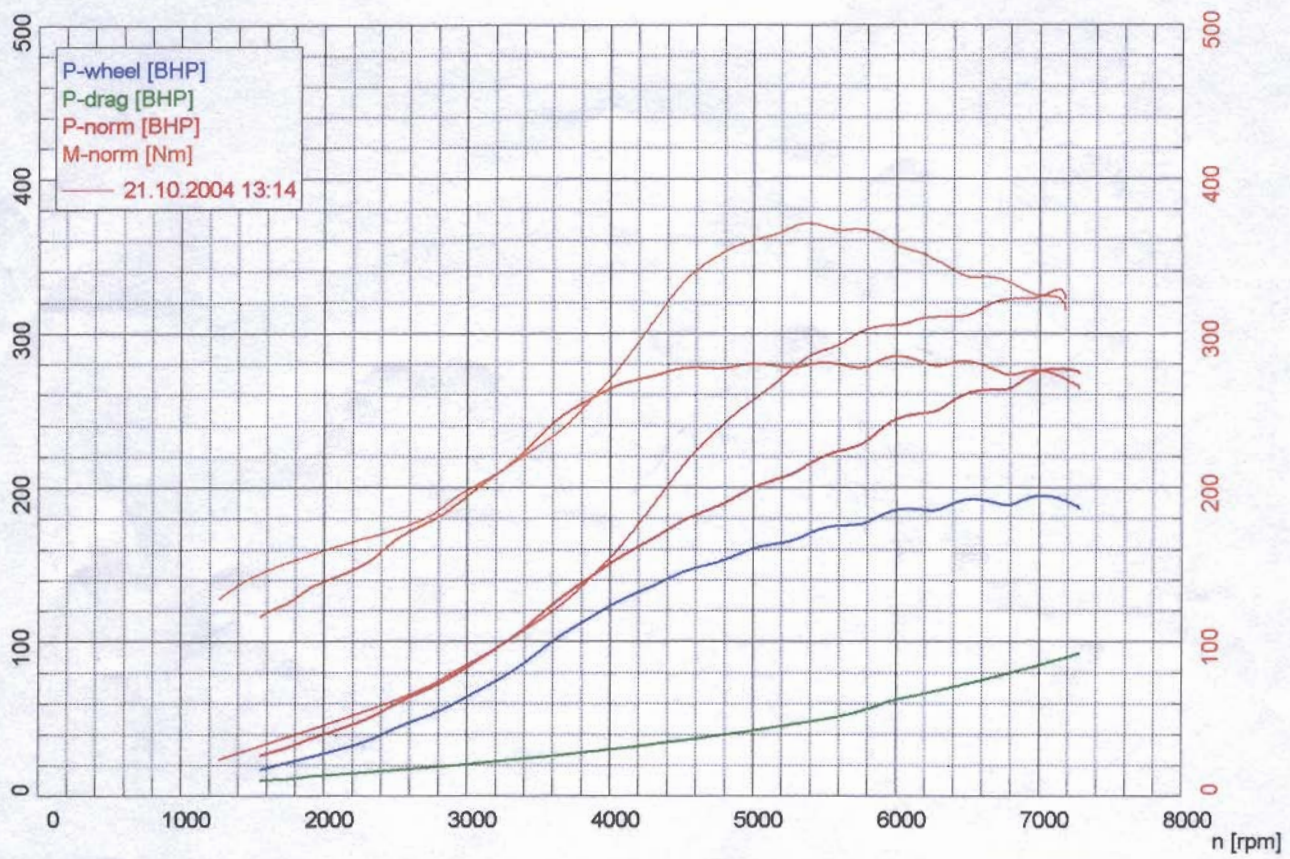
MAHA Schulungsabteilung

LPS 3000

Vehicle type: maserati gibli
License plate:
Inspector:

Otto-Motor / Turbo charger (water-cooled)
Manual transmission
Rear drive

Measurement date: 12.10.2004 (12:31)



Power data

Corrected power 1)	P_{Norm}	276,1 BHP	/	203,1 kW
Engine power	P_{Eng}	279,8 BHP	/	205,8 kW
Wheel power	P_{Wheel}	192,6 BHP	/	141,6 kW
Drag power	P_{Drag}	87,2 BHP	/	64,2 kW
Max. power at		7130 rpm	/	229,2 km/h
Torque 1)	M_{Norm}	284,4 Nm		
Max. Torque at		5995 rpm	/	192,8 km/h
Max. attained RPM		7285 rpm	/	234,3 km/h

1) Correction acc. to DIN 70020
Correction factors: Q_V = 0,00 %

Ambient data

Ambient temperature	$T_{Ambient}$	23,3 °C
Intake air temperature	$T_{Intake\ air}$	12,2 °C
Relative humidity	H_{Air}	41,7 %
Air pressure	p_{Air}	1012,7 hPa
Steam pressure	p_{Steam}	11,9 hPa
Oil temperature	T_{Oil}	15,0 °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

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

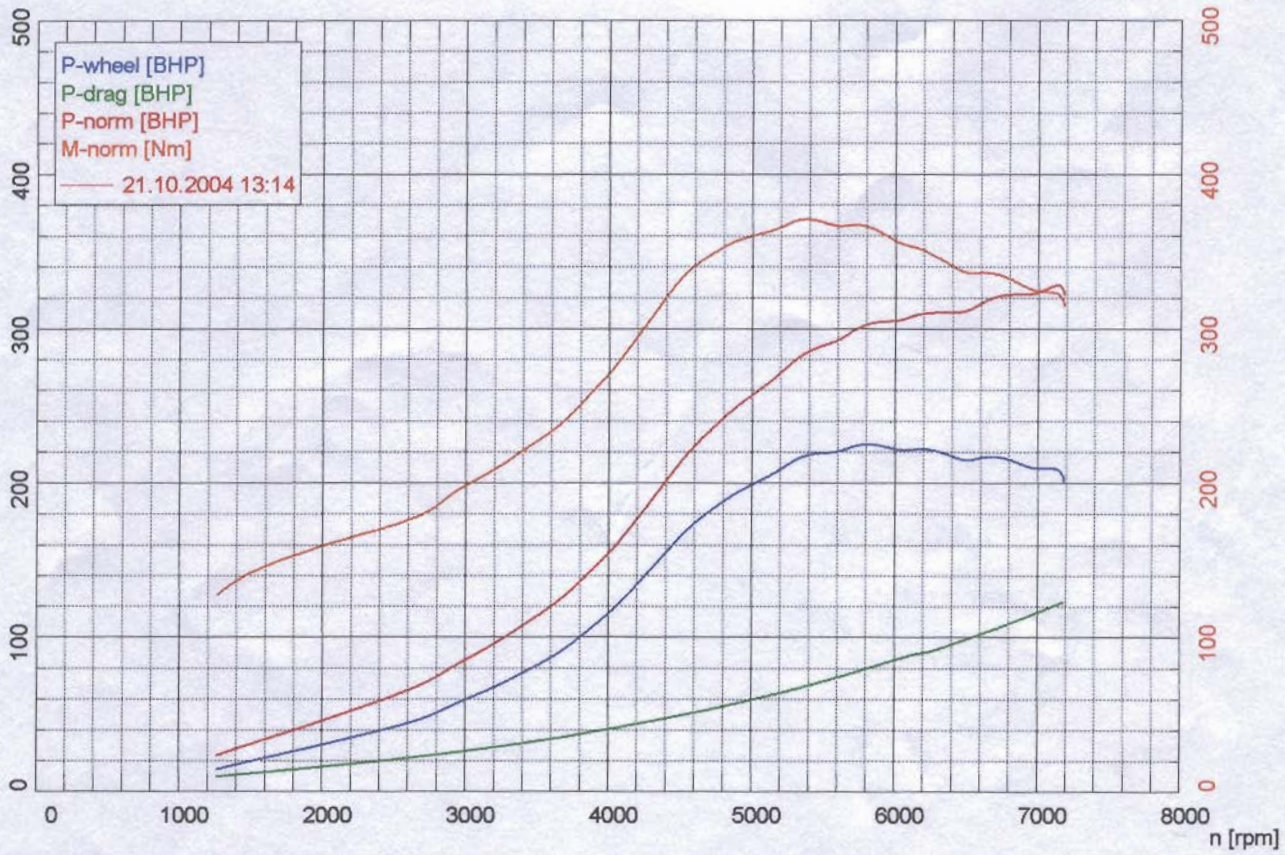
MAHA Schulungsabteilung

LPS 3000

Vehicle type: Ghibli 1.2 bar
License plate:
Inspector:

Otto-Motor / Turbo charger (water-cooled)
Manual transmission
Rear drive

Measurement date: 21.10.2004 (13:14)



Power data

Corrected power 1)	P_{Norm}	327,4 BHP / 240,8 kW	
Engine power	P_{Eng}	328,6 BHP / 241,7 kW	
Wheel power	P_{Wheel}	208,3 BHP / 153,2 kW	
Drag power	P_{Drag}	120,3 BHP / 88,4 kW	
Max. power at		7135 rpm / 281,5 km/h	
Torque 1)	M_{Norm}	369,9 Nm	
Max. Torque at		5390 rpm / 212,6 km/h	
Max. attained RPM		7185 rpm / 283,6 km/h	

1) Correction acc. to DIN 70020
Correction factors: Q_V = 0,00 %

Ambient data

Ambient temperature	$T_{Ambient}$	23,2 °C
Intake air temperature	$T_{Intake\ air}$	13,3 °C
Relative humidity	H_{Air}	50,2 %
Air pressure	p_{Air}	1004,8 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

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

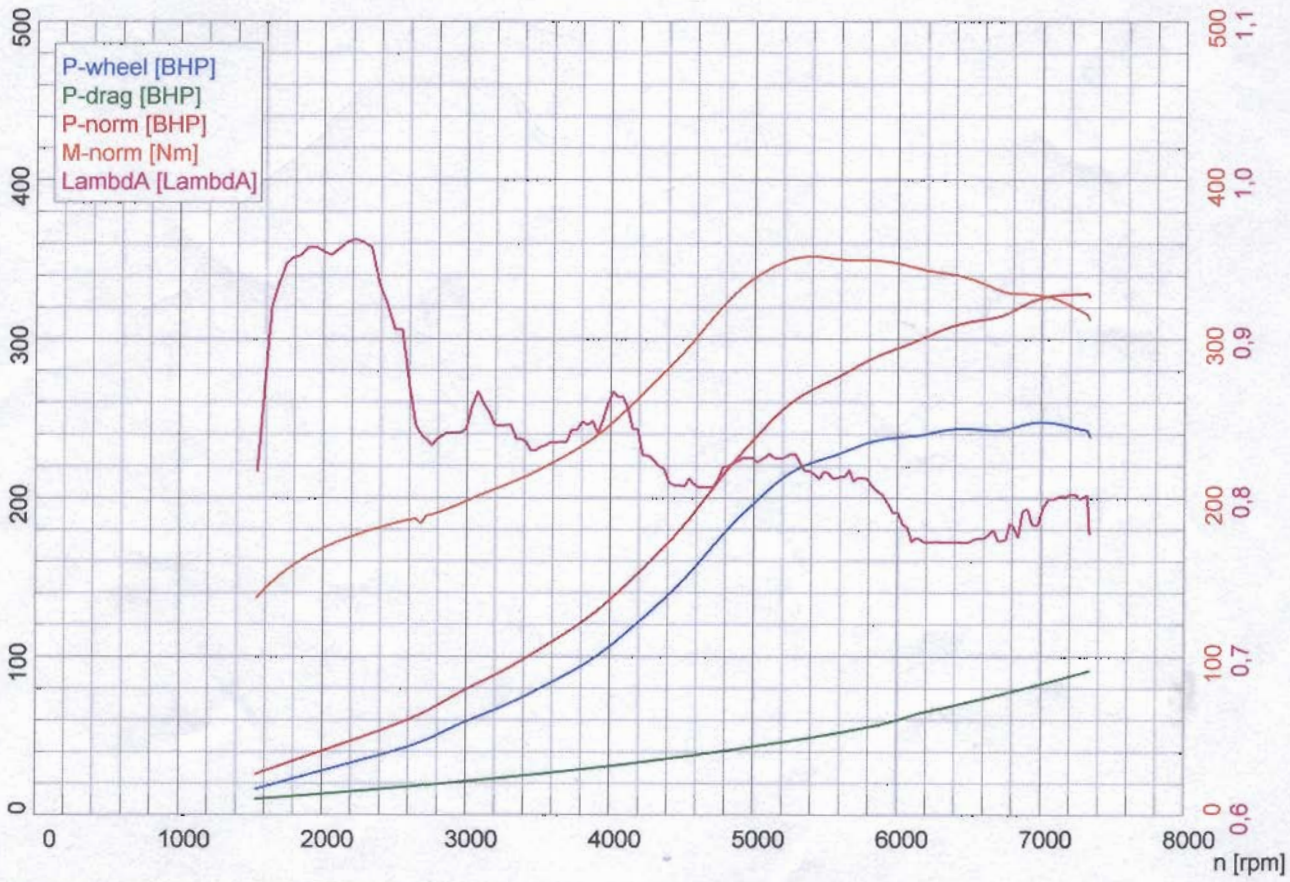
RICA engineering
Rica Engineering B.V.
Klopperman 35-37
2292JE WATERINGEN
The Netherlands

MAHA LPS 3000

Vehicle type: ghibli run2
License plate:
Inspector:

Otto-Motor / Turbo charger (water-cooled)
Manual transmission
Rear drive

Measurement date: 26.09.2005 (14:36)



Power data

Corrected power 1)	P_{Norm}	328,4 BHP / 241,5	kW
Engine power	P_{Eng}	332,3 BHP / 244,4	kW
Wheel power	P_{Wheel}	242,5 BHP / 178,4	kW
Drag power	P_{Drag}	89,8 BHP / 66,0	kW
Max. power at		7300 rpm / 237,5	km/h
Torque 1)	M_{Norm}	351,7 Nm	
Max. Torque at		5390 rpm / 175,3	km/h
Max. attained RPM		7335 rpm / 238,7	km/h

1) Correction acc. to DIN 70020
Correction factors: Q_V = 0,00 %

Ambient data

Ambient temperature	$T_{Ambient}$	25,3 °C
Intake air temperature	$T_{Intake\ air}$	13,8 °C
Relative humidity	H_{Air}	51,5 %
Air pressure	p_{Air}	1014,1 hPa
Steam pressure	p_{Steam}	16,6 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

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