

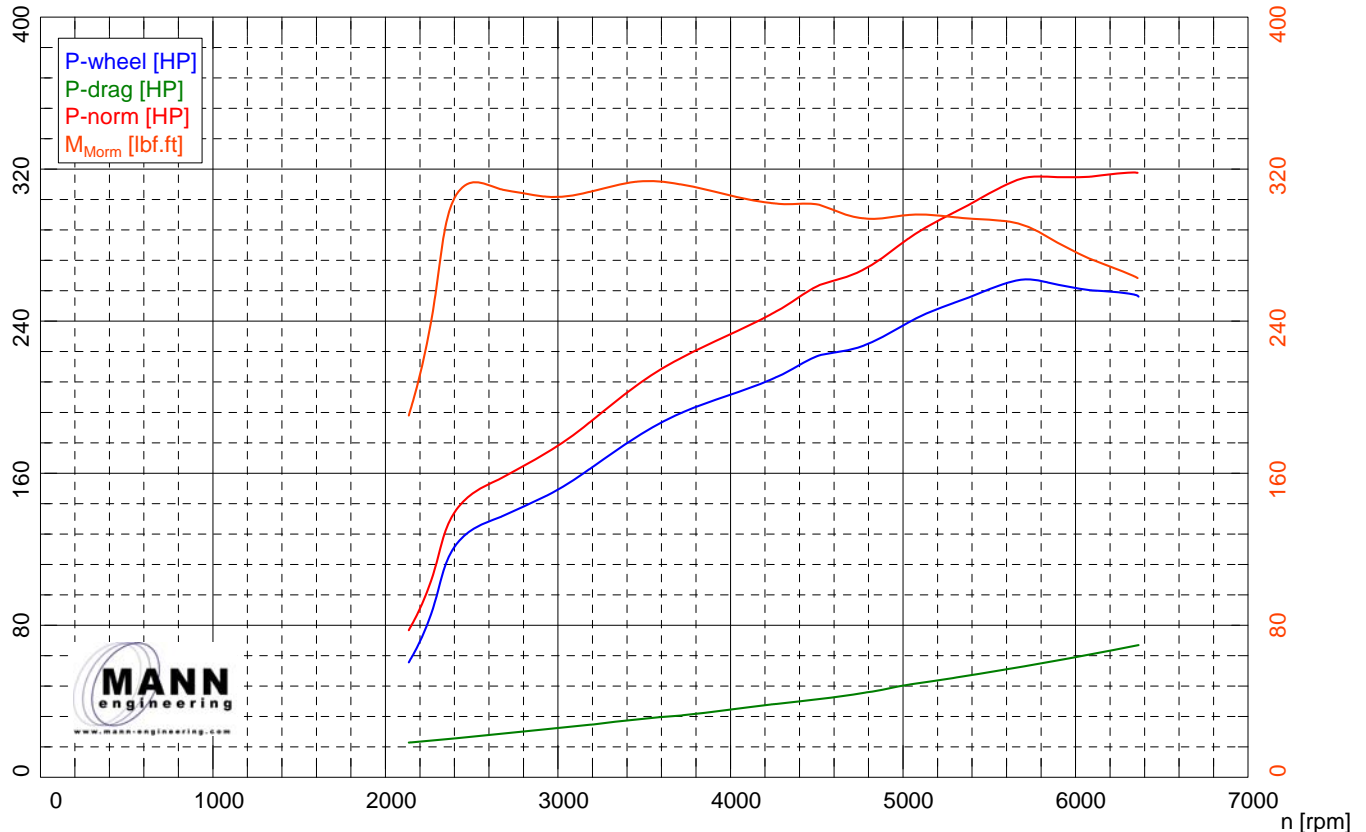
Vehicle type: 2015 Mercedes C400 4Matic  
License plate: 8CFF397  
Inspector: Gary

Otto-Motor / Turbo charger (air-cooled)  
Automatic transmission  
4 wheel drive

Stock, 91ACN  
3rd Gear Pull, Automatic  
Baseline No. 3

Measurement date: 18.07.2018 (11:10)

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### Power data

Corrected power <sup>1)</sup>	$P_{Norm}$	318,1 HP	/	237,2 kW
Engine power	$P_{Eng}$	322,9 HP	/	240,8 kW
Wheel power	$P_{Wheel}$	253,8 HP	/	189,3 kW
Drag power	$P_{Drag}$	69,1 HP	/	51,5 kW
Max. power at		6340 rpm	/	87,8 mph
Torque <sup>1)</sup>	$M_{Morm}$	313,6 lbf.ft		
Max. Torque at		3540 rpm	/	49,0 mph
Max. attained RPM		6365 rpm	/	88,2 mph

<sup>1)</sup> Correction acc. to SAE J 1349  
Correction factors:  $Q_v = 0,00\%$ ,  $P_{VA} = 0,00\text{ HP}$

### Ambient data

Ambient temperature	$T_{Ambient}$	81,0 F
Intake air temperature	$T_{Intake\ air}$	71,8 F
Relative humidity	$H_{Air}$	54,8 %
Air pressure	$p_{Air}$	1017,3 hPa
Steam pressure	$p_{Steam}$	19,8 hPa
Oil temperature	$T_{Oil}$	77,0 F
Fuel temperature	$T_{Fuel}$	----, - F

### Slip

Speed no load	$V_{no\ load}$	----, - mph
RPM no load	$n_{no\ load}$	---- rpm
Speed full load	$V_{full\ load}$	----, - mph
RPM full load	$n_{full\ load}$	---- rpm
Slip		---, - %

### Rotating mass

$a_{1-FA}$	---, --- mph/s	$a_{1-RA}$	---, --- mph/s
$F_{1-FA}$	----, - lbf	$F_{1-RA}$	----, - lbf
$a_{2-FA}$	---, --- mph/s	$a_{2-RA}$	---, --- mph/s
$F_{2-FA}$	----, - lbf	$F_{2-RA}$	----, - lbf
$F_{rot-total-FA}$	----, - lbf	$F_{rot-total-RA}$	----, - lbf
$m_{rot-total-FA}$	705,5 lb	$m_{rot-total-RA}$	815,7 lb
$m_{rot-dyno-FA}$	551,2 lb	$m_{rot-dyno-RA}$	661,4 lb
$m_{rot-vehicle-FA}$	154,3 lb	$m_{rot-vehicle-RA}$	154,3 lb