

SAE J2723 Revised AUG 2007

SAE Power Certification

Form J2723 B

MANUFACTURER: General Motors - Powertrain

ENGINE: 3.6L DOHC SIDI Twin Turbo V6 (LF4)

MODEL YEAR & VEHICLE APPLICATION: 2016 Cadillac ATS-V

TEST STANDARD: SAE J1349

TEST LOCATION: GM Powertrain, Building C, Cell D201

ENGINE SERIAL NUMBER: N6F4Y866AA

TEST/RUN NUMBER: 2016A1 XL Witness Test (02/18/2015)

RESULTS:

The engine described herein was tested on 02/18/2015 according to the requirements prescribed in SAE J1349, Engine Power Test Code in the presence of a qualified SAE witness and was determined to produce the following results:

Parameter	Rated Speed	Rated Output	Measured Speed	Measured Output	% Difference
Power (hp/kW)	5850	464/346	5850	464/346	0
Torque (lb-ft/Nm)	3500	445/603	3500	444/601	0.2

Robert E. Seiter

Robert E. Seiter P.E.
SAE Certified Witness, Date

February 18, 2015

APPROVALS:

The manufacturer declares that the engine tested for this report is representative of engines in series production. The manufacturer further declares that the performance of engines in series production will characteristically fall within 2% of the rated torque and power values indicated in this report.

Rich Scuttko Asst. Chief Eng. 9 Mar 2015
Name Title Date



Documents

Document Sharing Hub

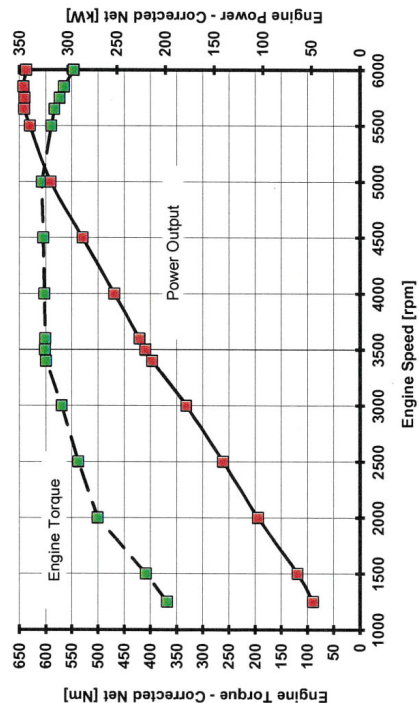
SAE J2723 AUG2007
WOT ENGINE POWER PLOT (AS TESTED)

VCA - Vehicle Certification Agency
Report/Job Number
USQ 318053

Net Engine Power & Torque in Accordance with SAE J1349 (AUG2004) & Certified in Accordance with SAE J2723 (FEB2005)

RPM	1250.0	1500.0	2000.0	2500.0	3000.0	3400.0	3500.0	3600.0	4000.0	4500.0	5000.0	5500.0	5750.0	5850.0	6000.0
Corrected Net Power (kW)	48.2	64.1	104.9	140.7	178.8	213.5	220.4	226.6	252.5	285.0	318.0	339.4	345.1	344.9	343.3
Corrected Net Torque (Nm)	368.1	408.3	500.7	537.3	569.2	599.6	601.4	601.1	602.9	604.8	607.4	589.3	583.2	572.8	546.3
RPM	1250.0	1500.0	2000.0	2500.0	3000.0	3400.0	3500.0	3600.0	4000.0	4500.0	5000.0	5500.0	5750.0	5850.0	6000.0
Corrected Net Power (hp)	64.6	86.0	140.6	188.7	239.8	286.3	295.6	303.9	338.6	382.2	426.5	455.2	462.8	463.9	460.3
Corrected Net Torque (lb-ft)	271.5	301.2	369.3	396.3	419.8	442.3	443.5	443.3	444.6	446.1	448.0	434.6	430.2	422.5	402.9

General Motors Powertrain
2016 LF4 A1XL
3.6L DOHC, Direct Injection, Turbocharged V6



General Motors Powertrain
2016 LF4 A1XL
3.6L DOHC, Direct Injection, Turbocharged V6

