

SAE J2723 AUG2007



**SAE Power Certification
Form J2723 B**



GM Powertrain

General Motors
GM Powertrain
Engine Engineering - Bldg C
Mail Code: 483-710-201
895 Joslyn Avenue
Pontiac, Michigan 48340
U.S.A.

March 15th, 2013

Gary Pollack
SAE
400 Commonwealth Drive
Warrendale, PA 15096

Gary,

For 2014MY, General Motors will introduce the Cadillac CTS (Alpha, A1LL) with the LFX engine. The restriction levels of this vehicle application have been reflected in the attached SAE power rating. The SAE power rating was gathered from the 2013MY Cadillac ATS (Alpha, A1SL) LFX isopower and isotorque plots shown below.

Regards,

Jennifer O. Daneshgari
HFV6 Development Validation Systems Manager

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Power

Manufacturer Name	General Motors Powertrain
Address:	895 Joslyn Rd
City:	Pontiac
State:	MI
Country:	USA
Postal Code	48340
Engine:	High Feature V6 LFX
Type of Certification:	Single Engine Certification
Model Year & Vehicle	2014 Cadillac CTS (Alpha, A1LL) LFX
Application(s):	(ISOPOWER adjusted based on 2013 Cadillac ATS (Alpha, A1SL) LFX)
Test Standard:	J1349: Sept2011, SAE
Test Location:	Pontiac dyno lab
Engine Serial Number:	-
Test/Run Number:	SAE_J1349
Test Date:	3/15/13

RESULTS:

The engine described herein was tested on 3/15/13 according to the requirements prescribed in J1349: Sept2011, SAE, 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)	6800	321	6800	318.3	0.84825636
Torque (lb-ft)	4800	275	4800	275.0	0

Witness

Date

APPROVALS:

The manufacture 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 on this report.

Name:

Title:

Date:

Stuart Hirsch
ASST-CHIEF-ENGINEER
3-21-13

WOT ENGINE POWER PLOT (as tested)

SAE J1349
 Certified Power™

2014MY Cadillac CTS (Alpha, A1LL) Isopower Plot @ 6800rpm (SAE Net)

LFX Alpha Isopower Plot

