

GENERAL MOTORS
GLOBAL PROPULSION SYSTEMS

General Motors

*Global Propulsion Systems
Engine Engineering – Bldg C
895 Joslyn Ave
Pontiac, MI 48340*

March, 29, 2019

Mr. Gary Pollak
SAE
400 Commonwealth Drive
Warrendale, PA 15096

Gary,

For the 2019 Model Year (and beyond), General Motors will produce the CT6 Platinum & CT6-V with the RPO “LTA” engine. The LTA engine is brand new offering from previous years specific to the Cadillac CT6 Platinum & CT6-V. The differences between the Platinum and V trims are exhaust backpressure and calibration (lower backpressure and higher output in the V trim). Attached is a copy of the SAE power rating with the appropriate Chief engineer and witness signatures.

Please let me know if you have questions or require anything further in order to process this application for certification.

Thanks,

Brad Sevald

Development & Validation System Manager
Small Block V6 & V8 Engines
Email: Brad.Sevald @gm.com
Phone: 248-830-8526

**SAE Power Certification
Form J2723 B**

J2723 Aug2007

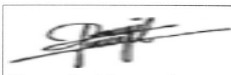


Manufacturer Name	General Motors
Address:	800 N Glenwood Ave
City:	Pontiac
State	MI
Country:	USA
Postal Code	48340
Engine:	4.2L TT LTA
Model Year & Vehicle	2019 CT6 O1SL
Application(s).	
Test Standard:	J1349:Sep2011
Test Location:	D106
Engine Serial Number:	N9TAY994AP: 2019-01-11-00005
Test/Run Number:	E_F5_ENG_J1349.172450 E_F5_ENG_J1349.172457 E_F5_ENG_J1349.172460

RESULTS:

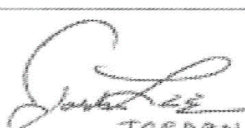
The engine described herein was tested on DATE according to the requirements prescribed in J1349:Sep2011, Engine Power Test Code in the presence of a qualified SAE Witness, and was determined to produce the following results:

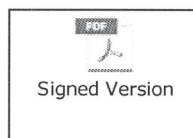
Parameter	Rated Speed	Rated Output	Measured Speed	Measured* Output	% Difference
Power (hp/kW)	5000	500 hp /373 kW	5000	495 hp /369 kW	-1.00%
Torque (ft-lbs/Nm)	3400	574 ft-lbs / 778 Nm	3400	571 ft-lbs / 777 Nm	0.50%

SAE Certified Witness 
Date February 26, 2019

APPROVALS:

General Motors declares that the engine tested for this report is representative of engines in series production. General Motors further declares that the performance of engines in series production will characteristically be at least 98% of the rated torque and power values indicated on this report.

Name: 
Title: Chief Engineer
Date: 3/20/2019
Authorization Date:



SAE J2723 AUG2007
WOT ENGINE POWER PLOT (AS TESTED)

WOT Engine Power Plot

J2723 Aug2007

General Motors
4200 (cc) / DOHC / 8
2019 CT6 O1SL

