

SAE Power Certification
Form J2723 B



Manufacturer Name	Opel Automobile GmbH
Address:	Bahnhofplatz
City:	Rüsselsheim
State	Hessen
Country:	Germany
Postal Code	65423
Engine:	U20SHT
Type of Certification:	Single Engine Certification
Model Year & Vehicle	MY 19; Carline: E2UL Cadillac
Application(s):	XT4
Test Standard:	SAE J1349: Mar. 2018
Test Location:	Rüsselsheim, Test Bench 19
Engine Serial Number:	3059A
Test/Run Number:	17681
Test Date:	March 01, 2018

RESULTS:

The engine described herein was tested on March 01, 2018 according to the requirements prescribed in SAE J1349: Mar. 2018, Engine Power Test Code in the presence of a qualified SAE Witness, and was determined to produce the following results:

Parameter	Rated Speed [1/min]	Rated Output	Measured Speed [1/min]	Measured Output	Difference [%]
Power [hp/kW]	5000	237 hp/177 kW	5001,38	235.88 hp/175.89 kW	-0,47
Torque [lb-ft/Nm]	1500 - 4000	258 lb-ft/350 Nm	1500.35 - 4001.06	258.80 lb-ft - 261.61 lb-ft 350.89 Nm - 354.69 Nm	0,31


 Witness: Angelo Tomasini
 Date: 1-Mar-18

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: Kris Keary
 Title: Regional Asst Chief Engineer
 Date: 18/04/2018

SAE J2723 AUG2007
WOT ENGINE POWER PLOT (AS TESTED)

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Postal Code	65423
Engine:	U20SHT
Type of Certification:	Single Engine Certification
Model Year & Vehicle Application(s).	MY 19; Carline: E2UL Cadillac XT4
Test Standard:	SAE J1349: Mar. 2018
Test Location:	Rüsselsheim, Test Bench 19
Engine Serial Number:	3059A
Test/Run Number:	17681
Test Date:	March 01, 2018

RESULTS:

The engine described herein was tested on March 01, 2018 according to the requirements prescribed in SAE J1349: Mar. 2018, 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	237 hp/177 kw	5001,38	235.88hp/1752.89 kW 258.80 lb-ft -261.61 lb-ft	-0.47
Torque [lb-ft/Nm]	1500 - 4000	258 lb-ft/350 Nm	1500.35-4001.06	350.89 Nm - 354.69Nm	0.31

Witness Angelo Tomasini

Date 1-Mar-18

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: Kris Keary

Title: Regional Asst Chief Engineer

Date: 3/14/2018