

**SAE Power Certification  
Form J2723 B**



Manufacturer Name: **Opel Automobile GmbH**  
 Address: **Bahnhofplatz**  
 City: **Rüsselsheim**  
 State: **Hessen**  
 Country: **Germany**  
 Postal Code: **65423**  
 Engine: **LIH - U12SHT**  
 Type of Certification: **Single Engine Certification**  
 Model Year & Vehicle: **MY 20; Carline: 9BUB; Buick**  
 Application(s): **Encore**  
 Test Standard: **SAE J1349**  
 Test Location: **Rüsselsheim, Test Bench 19**  
 Engine Serial Number: **6017A**  
 Test/Run Number: **31325**  
 Test Date: **Apr 30, 2019**

**RESULTS:**

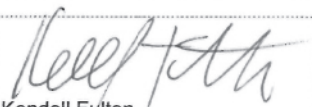
The engine described herein was tested on Apr 30, 2019 according to the requirements prescribed in SAE J1349, Engine Power Test Code in the presence of a qualified SAE Witness, and was determined to produce the following results:

| Parameter         | Rated<br>Speed [1/min] | Rated<br>Output  | Measured<br>Speed [1/min] | Measured<br>Output   | Difference<br>[%] |
|-------------------|------------------------|------------------|---------------------------|----------------------|-------------------|
| Power [hp/kW]     | 5000                   | 137 hp/102 kW    | 5000,00                   | 137,5hp / 102,6kW    | 0,59              |
| Torque [lb-ft/Nm] | 2500 - 4000            | 162 lb-ft/220 Nm | 2500-4000                 | 166,8lb-ft / 226,1Nm | 2,77              |

Witness:   
 Date: **May 20th, 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: **Global Chief Engineer**  
 Date: **MAR 13 / 2020**

**WOT Engine Power Plot**

Opel Automobile GmbH  
1199.4 (cc) / DOHC / Inline-3  
MY 20; Carline: 9BUB; Buick Encore

