

**EMISSIONS SUMMARY REPORT**

Vehicle ID: **T5305PV63 / FCY9757** Test ID: **T5305PV63\_HWFE2X011620022101 / 578862656**  
 Test Req: **082011200298-6** Location: **CHELSEA PROVING GROUNDS (Chrysler LLC)**  
 Test Type: **HWFE(2X)** Facility: **Test Cell 16** Start Time: **02/21/2020 09:33:28**  
 Requestor: **REDACTED** Shift Sched.: **AUTO** Trace End: **02/21/2020 09:59:13**  
 Driver: **REDACTED** Option(s): **Tailpipe modal & Bag** Inertia Weight: (lbs) **5500**  
 Operator: **REDACTED** Fuel Type: **MS10756** Road Load Coeff A: **21.54**  
 Start Odometer: **69613** Fuel Anal.#: **10854** Road Load Coeff B: **.1523**  
 AutoLoad File: **None** INCA Project File: **null** Road Load Coeff C: **0.02822**  
 Cell Temp Set Pt: **75** Altitude Set Pt(ft.): **0** Hum. Set Pt (Grains): **50.00**  
 Test Segment: **3/3** Vehicle Desc.: **0.00 WKJT74 Brilliant** Emissions Standard: **EPA**  
 Test Req. Purpose: **15MY-T03.05PV CERT - IUVT Consent Decree (RL, Prep, EPA75, HWY, US06) 3.0L WK A8 - Fed - MS10756 - BIN5**  
 Seq. Purpose: **IUVP - HWFE**

Individual Cycles:(Grams/Mile)	Tailpipe:											
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.0035	.0000	.0000	.0078	.0007	262.2	.0000	.0007	706.7	38.8348		10.262

**Modal Test Results:(Grams)**

Phase: 1

ACCEL	.0098	.0000	.0000	.0237	.0026	810.1	.0000	.0026	196.8	12.5618		0
CRUISE	.0150	.0000	.0000	.0329	.0027	1113.4	.0000	.0027	293.6	9.1419		0
DECEL	.0044	.0000	.0000	.0081	.0006	232.9	.0000	.0006	81.5	43.6677		0
STEADY	.0072	.0000	.0000	.0158	.0012	534.2	.0000	.0012	134.8	19.0539		0
TOTAL	.0363	.0000	.0000	.0805	.0071	2690.6	.0000	.0071	706.7			0

Phase: 1 Equivalent Mass Results: (Grams/Mile)

	<b>.0035</b>	<b>.0000</b>	<b>.0000</b>	<b>.0078</b>	<b>.0007</b>	<b>262.2</b>	<b>.0000</b>	<b>.0007</b>	<b>706.7</b>	<b>38.8348</b>	<b>0</b>	<b>10.262</b>
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**CVS Mass Results: (Grams/Mile)**

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG	
Phase: 1	.00255	.00000	.00035	.00085	261.294	.00233		.0012	0.00288	38.9864

**Drive Metrics:**

CSI	RMS
.568	.118

**SAE Drive Metrics:**

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	11,628,900	11,635,800	-0.060	16,516.5	16,507.3	0.055	-0.115	-0.600	-0.630	0.1651

## Test Validation

**Test Validation:** Valid: Invalid: Retest: Accept: NIC: system / su48 Date: 02/21/2020 10:32:32

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

### Quick Check CoastDown:

	RUN #1	RUN #2	RUN #3	RUN #4
A=	57.9188	58.6205	58.9033	59.3950
B=	0.0605	-0.0079	0.0059	-0.0130
C=	0.0319	0.0323	0.0321	0.0323

Match Time	55-45 MPH Coastdown time from measured coefficients				Avg. Time
18.0500 sec	18.0277 sec	18.3062 sec	18.2385 sec	18.2317 sec	18.2588 sec
	99.88%	101.42%	101.04%	101.01%	101.16%

### Test Options:

Option	Description
Constant Grade	.000
Threshold	0
Gain	.000
Background Particles	.000
Background Particles for PN	.000
MINI DILUTER T/P DILUTION RATIO	9.950
Weighted Dilution factor	16.340
DHFID Hangup value	.000
Bag Methane Response Factor	1.000
DHFID Methane Response Factor	1.000
Tailpipe Methane Response Factor	1.000
Soak Duration(Hrs)	23
CVS K Coeff	426.213
Charging Type	CS
Trace Start Method	Flying
Pre Test Vehicle Temperature	Hot
Actual Driver	Human
CVS Venturi Selection	Medium
DynoGrade Type	None
Special Test Qualifications	None

## Test Options

## Emission Summary Report

OBD II Monitor	None Requested
Abort test on dead battery	Y
Abort Test on INCA Failure	Y
Cert Mode	Y
DbW Available	Y
Diesel Test	Y
Hybrid Test	Y
Quick Check Coast Downs	Y
SAE Calculations Required	Y
WLTP Fan Required	Y

### Sequence Purpose

IUVP – HWFE

### Operator Comments

WLTP fan was set to 12" X 29"

### System Comments

02/21/2020 10:07:00: Reported Bag NMHC is calculated, not from analyzer

02/21/2020 10:11:20: CoastDown Succeeded, The Average Coastdown time is 18.26,The match time is 18.05, The Average Coastdown time is 101.16 percent of Given Match time.

### Sampling Type List

None / None --- None / None --- DCVS , Diesel Tailpipe / Particulates – Single

### Test Request Purpose

15MY–T03.05PV CERT – IUVT Consent Decree (RL, Prep, EPA75, HWY, US06) 3.0L WK A8 – Fed – MS10756 – BIN5

**The results in this report relate only to this specific test.**