

**EMISSIONS SUMMARY REPORT**

Vehicle ID: **T6305PV53 / 2MT33** Test ID: **T6305PV53\_HWFE2X011620032001 / 578863043**  
 Test Req: **082011200477-5** Location: **CHELSEA PROVING GROUNDS (Chrysler LLC)**  
 Test Type: **HWFE(2X)** Facility: **Test Cell 16** Start Time: **03/20/2020 09:18:43**  
 Requestor: **REDACTED** Shift Sched.: **AUTO** Trace End: **03/20/2020 09:44:28**  
 Driver: **REDACTED** Option(s): **Tailpipe modal & Bag** Inertia Weight: (lbs) **5500**  
 Operator: **REDACTED** Fuel Type: **MS10756** Road Load Coeff A: **22.73**  
 Start Odometer: **70645** Fuel Anal.#: **10854** Road Load Coeff B: **-.0211**  
 AutoLoad File: **None** INCA Project File: **null** Road Load Coeff C: **0.03158**  
 Cell Temp Set Pt: **75** Altitude Set Pt(ft.): **0** Hum. Set Pt (Grains): **50.00**  
 Test Segment: **3/3** Vehicle Desc.: **0.00 WKJP74 Brilliant** Emissions Standard: **EPA**  
 Test Req. Purpose: **16MY-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	.0041	.0000	.0000	.0134	.0015	260.8	.0000	.0015	687.9	38.9836		10.264

**Modal Test Results:(Grams)**

Phase: 1

ACCEL	.0118	.0000	.0000	.0384	.0075	813.3	.0000	.0075	192.9	12.5148		0
CRUISE	.0176	.0000	.0000	.0566	.0053	1101.8	.0000	.0053	283.7	9.2327		0
DECEL	.0049	.0000	.0000	.0151	.0011	238.3	.0000	.0011	81.1	42.7471		0
STEADY	.0081	.0000	.0000	.0269	.0020	523.5	.0000	.0020	130.2	19.4539		0
TOTAL	.0424	.0000	.0000	.1370	.0159	2677.0	.0000	.0159	687.9			0

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

	<b>.0041</b>	<b>.0000</b>	<b>.0000</b>	<b>.0134</b>	<b>.0015</b>	<b>260.8</b>	<b>.0000</b>	<b>.0015</b>	<b>687.9</b>	<b>38.9836</b>	<b>0</b>	<b>10.264</b>
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**CVS Mass Results: (Grams/Mile)**

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00230	.00011	.00097	.00417	259.168	.00171	.0051	0.00565	39.2860

**Drive Metrics:**

CSI	RMS
-.919	.118

**SAE Drive Metrics:**

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	11,397,700	11,393,300	0.039	16,518.9	16,507.3	0.070	-0.031	-1.580	-1.732	0.1646

## Test Validation

**Test Validation:** Valid: Invalid: Retest: Accept: NIC: system Date: 03/20/2020 10:06:41

Validator's Comments:

### Quick Check CoastDown:

	<b>RUN #1</b>	<b>RUN #2</b>	<b>RUN #3</b>	<b>RUN #4</b>
A=	60.5549	60.0358	60.0086	60.2770
B=	-0.2543	-0.2622	-0.2786	-0.2989
C=	0.0364	0.0361	0.0362	0.0364

Match Time	55-45 MPH Coastdown time from measured coefficients				Avg. Time
18.5700 sec	18.3138 sec 98.62%	18.5199 sec 99.73%	18.5698 sec 100.00%	18.6103 sec 100.22%	18.5667 sec 99.98%

### Test Options:

<b>Option</b>	<b>Description</b>
Constant Grade	.000
Threshold	0
Gain	.000
Background Particles	.000
Background Particles for PN	.000
MINI DILUTER T/P DILUTION RATIO	8.350
Weighted Dilution factor	16.110
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)	20
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

### Engr. SpclInst

Engineer to take vehicle scan before and after each sequence

### System Comments

03/20/2020 09:52:10: Reported Bag NMHC is calculated, not from analyzer

03/20/2020 09:56:52: CoastDown Succeeded, The Average Coastdown time is 18.57,The match time is 18.57, The Average Coastdown time is 99.98 percent of Given Match time.

### Sampling Type List

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

### Test Request Purpose

16MY–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.**