

**EMISSIONS SUMMARY REPORT**

Vehicle ID: **T6305PV53 / 2MT33** Test ID: **T6305PV53\_EPA75\_011620032001 / 578863042**  
 Test Req: **082011200477-4** Location: **CHELSEA PROVING GROUNDS (Chrysler LLC)**  
 Test Type: **EPA75** Facility: **Test Cell 16** Start Time: **03/20/2020 08:11:38**  
 Requestor: **REDACTED** Shift Sched.: **AUTO** Trace End: **03/20/2020 08:52:05**  
 Driver: **REDACTED** Option(s): **Tailpipe modal & Bag** Inertia Weight: (lbs) **5500**  
 Operator: **REDACTED** Fuel Type: **MS10756** Road Load Coeff A: **22.73**  
 Start Odometer: **70634** 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: **1/1** 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 - EPA75**

Individual Cycles:(Grams/Mile)		Tailpipe:										
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Time-63	.1714	.0000	.0000	9.3488	.3546	761.7	.0000	.3546	41.4	13.0923		.206
Cycle1	.5851	.0000	.0000	4.3621	.2567	617.0	.0000	.2567	90.0	16.2629		.672
Cycle2	.1104	.0000	.0000	.0214	.1110	406.3	.0000	.1110	162.9	25.0401		1.963
Cycle11	.1045	.0000	.0000	.0125	.0005	289.4	.0000	.0005	121.9	35.1680		1.362
Cycle19	.2451	.0000	.0000	.2307	.0088	381.5	.0000	.0088	64.6	26.5591		.673

**Modal Test Results:(Grams)**

Phase: 1

IDLE	.0332	.0000	.0000	.1861	.0204	65.9	.0000	.0204	30.6	153.2429		0
ACCEL	.1211	.0000	.0000	1.1581	.1923	694.3	.0000	.1923	136.3	14.6161		0
CRUISE	.3876	.0000	.0000	.9422	.1213	676.2	.0000	.1213	132.9	14.9929		0
DECEL	.0968	.0000	.0000	.7081	.0591	216.8	.0000	.0591	80.1	46.5876		0
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0	.0000		0
TOTAL	.6386	.0000	.0000	2.9945	.3932	1653.1	.0000	.3932	379.9			0
Phase: 1	<b>.1777</b>	<b>.0000</b>	<b>.0000</b>	<b>.8334</b>	<b>.1094</b>	<b>460.1</b>	<b>.0000</b>	<b>.1094</b>	<b>379.9</b>	<b>22.0318</b>	<b>0</b>	<b>3.593</b>

Phase: 2

IDLE	.0056	.0000	.0000	.0037	.0001	50.0	.0000	.0001	32.6	203.4390		0
ACCEL	.2160	.0000	.0000	.0344	.0013	805.5	.0000	.0013	178.7	12.6293		0
CRUISE	.1167	.0000	.0000	.0211	.0007	485.9	.0000	.0007	151.0	20.9206		0
DECEL	.0642	.0000	.0000	.0171	.0005	214.1	.0000	.0005	100.3	47.4985		0
TOTAL	.4025	.0000	.0000	.0763	.0025	1555.6	.0000	.0025	462.6			0
Phase: 2	<b>.1040</b>	<b>.0000</b>	<b>.0000</b>	<b>.0197</b>	<b>.0006</b>	<b>401.9</b>	<b>.0000</b>	<b>.0006</b>	<b>462.6</b>	<b>25.2903</b>	<b>0</b>	<b>3.871</b>

Phase: 3

IDLE	.0036	.0000	.0000	.0027	.0003	43.1	.0000	.0003	26.3	236.5773		0
ACCEL	.1286	.0000	.0000	.1191	.0316	613.7	.0000	.0316	125.3	16.5569		0

**Modal Test Results**

WHEEL	.0000	.0000	.0170	.0070	515.5	.0000	.0070	112.3	19.7424	0
DECEL	.0568	.0000	.0000	.0756	.0022	159.0	.0000	.0022	88.7	63.8758
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0	.0000
TOTAL	.3154	.0000	.0000	.2144	.0412	1331.3	.0000	.0412	352.6	0

Phase: 3 Equivalent Mass Results: (Grams/Mile)

<b>.0878</b>	<b>.0000</b>	<b>.0000</b>	<b>.0597</b>	<b>.0115</b>	<b>370.4</b>	<b>.0000</b>	<b>.0115</b>	<b>352.6</b>	<b>27.4745</b>	<b>0</b>	<b>3.594</b>
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**Weighted Total Equivalent Mass Results:(Grams/Mile)**

<b>.1148</b>	<b>.0000</b>	<b>.0000</b>	<b>.1991</b>	<b>.0261</b>	<b>405.3</b>	<b>.0000</b>	<b>.0261</b>	<b>1195.1</b>	<b>25.0834</b>	<b>0</b>	<b>11.058</b>
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**CVS Mass Results: (Grams/Mile)**

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.17900	.80291	.10734	.13991	451.321	.06181	.2473	0.19365	22.4695
Phase: 2	.09949	.00168	.00066	.01752	395.890	.08730	.0182	0.09320	25.6774
Phase: 3	.08979	.04374	.01314	.01693	365.409	.08241	.0301	0.08834	27.8529

**CVS Weighted Mass Results:(Grams/Mile)**

<b>.11329</b>	<b>.17908</b>	<b>.02617</b>	<b>.04269</b>	<b>399.000</b>	<b>.08068</b>		<b>.0689</b>	<b>.11266</b>	<b>25.4624</b>
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**Drive Metrics:**

CSI	RMS
-4.115	.217

**SAE Drive Metrics:**

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,467,510	4,478,070	-0.236	5,782.4	5,779.4	0.051	-0.287	-1.466	-1.994	0.2443
Phase: 2	4,154,880	4,132,750	0.535	6,229.4	6,211.2	0.293	0.241	-0.062	0.027	0.2330
Phase: 3	4,463,090	4,478,180	-0.337	5,784.1	5,779.4	0.081	-0.419	-1.414	-2.156	0.2358
<b>Final (Weighted):</b>	<b>8,619,870</b>	<b>8,610,880</b>	<b>0.104</b>	<b>12,012.7</b>	<b>11,990.6</b>	<b>0.184</b>	<b>-0.080</b>	<b>-0.816</b>	<b>-0.972</b>	<b>0.2088</b>

**Test Validation:** Valid: Invalid: Retest: Accept: NIC: system / su48 Date: 03/20/2020 10:39:30

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

**Test Options:**

Option	Description
Gain	.650
Constant Grade	.000
Background Particles	.000

## Test Options

## Emission Summary Report

Background Particles for PN	.000
MINI DILUTER T/P DILUTION RATIO	8.400
Weighted Dilution factor	14.670
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)	19
CVS K Coeff	272.490
Threshold	350
Pre Test Vehicle Temperature	Cold
Trace Start Method	Crank (Pendant)
Actual Driver	Human
CVS Venturi Selection	Low
DynoGrade Type	None
Special Test Qualifications	None
OBD II Monitor	None Requested
Abort test on dead battery	Y
Abort Test on INCA Failure	Y
Augmented Braking	Y
Cert Mode	Y
DbW Available	Y
Diesel Test	Y
Mule Vehicle to Park	Y
Rolls Requirement	Y
SAE Calculations Required	Y
WLTP Fan Required	Y

### Sequence Purpose

IUVP – EPA75

### Engr. SpclInst

Engineer to take vehicle scan before and after each sequence

### Operator Comments

accidental comment

### System Comments

03/20/2020 08:27:45: Reported Bag NMHC is calculated, not from analyzer

### Sampling Type List

DCVS , Diesel Tailpipe / Particulates – Multiple

### 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.**