EMISSIONS SUMMARY REPORT

Vehicle ID:	**T6305PV55 / ESY354**	Test ID:	**T6305PV55_EPA75_011120050801 / 576255813**		
Test Req:	**082011200556−4**	Location:	CHELSEA PROVING GROUNDS (Chrysler LLC)		
Test Type:	**EPA75**	Facility:	**Test Cell 11**	Start Time:	**05/08/2020 08:13:51**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**05/08/2020 08:54:20**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight: (lbs)	6000
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	15.69
Start Odometer:	91483	Fuel Anal.#:	10854	Road Load Coeff B:	.1348
AutoLoad File:	None	INCA Project File:	null	Road Load Coeff C:	0.03445
Cell Temp Set Pt:	75	Altitude Set Pt(ft.):	0	Hum. Set Pt (Grains):	50.00
Test Segment:	1/1	Vehicle Desc.:	0.00 DS6H91 Dk. Garnet	Emissions Standard:	EPA
Test Req. Purpose:	16MY−T03.05PV CERT − IUVT Consent Decree (RL, Prep, EPA75, HWY, US06) 3.0L DS 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	.2892	.1728	.1242	16.5730	.5793	785.2	.6087	.0335	44.9	12.5325		.206
Cycle1	.4718	.2730	.2258	7.4859	.3029	564.1	.3060	.0183	93.4	17.6276		.673
Cycle2	.1453	.0700	.0872	.0212	.1785	453.6	.1755	.0083	204.4	22.3895		1.964
Cycle11	.0469	.0088	.0439	.0005	.0006	296.2	.0000	.0000	140.5	34.3605		1.361
Cycle19	.1906	.0452	.1656	.5147	.0288	402.5	.0279	.0006	77.4	25.2247		.673
Modal Test Results:(Grams)												
Phase: 1												
IDLE	.0374	.0234	.0155	.2142	.0173	92.3	.0176	.0000	34.7	110.0715	0	
ACCEL	.1583	.0865	.0876	2.4086	.3329	799.2	.3321	.0169	163.6	12.6677	0	
CRUISE	.3481	.1638	.1931	1.4342	.1314	701.0	.1244	.0080	148.9	14.4471	0	
DECEL	.0840	.0584	.0435	1.0305	.0751	151.9	.0766	.0038	87.8	66.1261	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.1	.0000	0	
TOTAL	.6277	.3321	.3397	5.0875	.5567	1744.5	.5507	.0287	435.0		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.1743	**.0922**	**.0943**	**1.4123**	**.1545**	**484.3**	**.1529**	**.0080**	**435.0**	**20.9049**	**0**	**3.602**
Phase: 2												
IDLE	.0074	.0010	.0074	.0003	.0002	91.2	.0000	.0000	39.6	111.7950	0	
ACCEL	.1731	.0290	.1572	.0196	.0027	963.9	.0006	.0000	228.8	10.5495	0	
CRUISE	.0802	.0172	.0735	.0020	.0010	477.8	.0000	.0000	175.2	21.2770	0	
DECEL	.0262	.0074	.0301	.0002	.0006	115.9	.0000	.0000	118.9	87.6603	0	
TOTAL	.2868	.0546	.2682	.0220	.0045	1648.9	.0006	.0000	562.5		0	
Phase: 2	Equivalent Mass Results: (Grams/Mile)											
	.0741	**.0141**	**.0692**	**.0057**	**.0012**	**425.8**	**.0002**	**.0000**	**562.5**	**23.8729**	**0**	**3.872**
Phase: 3												
IDLE	.0042	.0006	.0044	.0016	.0004	61.0	.0000	.0000	29.4	166.7821	0	
ACCEL	.1141	.0214	.1052	.3683	.0843	699.1	.0833	.0053	153.2	14.5381	0	

CRUISE	.1132	.0184	.1089	.0138	.0138	543.2	.0118	.0012	132.8	18.7271	0	
DECEL	.0238	.0095	.0227	.0831	.0042	103.0	.0033	.0000	92.8	98.6012	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.2	.0000	.0000	.1	.0000	0	
TOTAL	.2553	.0500	.2412	.4668	.1027	1406.5	.0984	.0065	408.2		0	

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

.0710	**.0139**	**.0671**	**.1298**	**.0286**	**391.0**	**.0274**	**.0018**	**408.2**	**25.9966**	**0**	**3.597**

Weighted Total Equivalent Mass Results:(Grams/Mile)

.0940	**.0302**	**.0738**	**.3312**	**.0405**	**428.4**	**.0393**	**.0021**	**1405.8**	**23.7300**	**0**	**11.072**

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.17608	1.50357	.14916	.08624	487.404	.09296	.2354	0.17450	20.7708
Phase: 2	.06946	.00351	.00049	.01195	431.093	.06089	.0124	0.06979	23.5976
Phase: 3	.07263	.14090	.02827	.00974	393.608	.06509	.0380	0.07154	25.7976

CVS Weighted Mass Results:(Grams/Mile)

.09243	**.35207**	**.03892**	**.02674**	**432.473**	**.06869**	**.0657**	**.09197**	**23.5093**	

Drive Metrics:

CSI	RMS
−3.383	.246

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,840,500	4,835,200	0.110	5,796.4	5,779.4	0.294	−0.185	−1.026	−1.856	0.3417
Phase: 2	4,371,990	4,385,370	−0.305	6,232.2	6,211.8	0.329	−0.636	−0.341	−0.206	0.2335
Phase: 3	4,821,270	4,834,910	−0.282	5,789.1	5,779.3	0.170	−0.453	−1.069	−1.634	0.2525
Final (Weighted):										
	9,201,530	**9,220,410**	**−0.205**	**12,024.5**	**11,991.2**	**0.278**	**−0.484**	**−0.729**	**−0.926**	**0.2393**

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 05/08/2020 09:09:45

Validator's Comments:

Test Options:

Option	Description
DHFID Hangup value	.015
Gain	.650
Constant Grade	.000

Background Particles	.000
Background Particles for PN	.000
MINI DILUTER T/P DILUTION RATIO	9.530
Tailpipe Methane Response Factor	1.022
DHFID Methane Response Factor	1.087
Bag Methane Response Factor	1.097
Soak Duration(Hrs)	20
CVS K Coeff	311.425
Threshold	350
Pre Test Vehicle Temperature	Cold
Trace Start Method	Crank (Pendant)
Actual Driver	Human
CVS Venturi Selection	Medium
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
Weighted Dilution factor	15.430

Sequence Purpose
IUVP − EPA75
Engr. SpclInst
Engineer to take vehicle scans prior to and after each sequence
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 DS A8 − Fed − MS10756 − BIN5

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