EMISSIONS SUMMARY REPORT

Vehicle ID:	**T5305PV55 / GKV8758**	Test ID:	**T5305PV55_EPA75_011120050602 / 576255789**		
Test Req:	**082011200558−3**	Location:	CHELSEA PROVING GROUNDS (Chrysler LLC)		
Test Type:	**EPA75**	Facility:	**Test Cell 11**	Start Time:	**05/06/2020 09:57:04**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**05/06/2020 10:37:40**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight: (lbs)	6000
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	9.80
Start Odometer:	100779	Fuel Anal.#:	10854	Road Load Coeff B:	.2309
AutoLoad File:	None	INCA Project File:	null	Road Load Coeff C:	0.03352
Cell Temp Set Pt:	75	Altitude Set Pt(ft.):	0	Hum. Set Pt (Grains):	50.00
Test Segment:	1/1	Vehicle Desc.:	0.00 DS6L41 Deep Aubur	Emissions Standard:	EPA
Test Req. Purpose:	15MY−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	.3391	.2656	.0697	10.3928	.5336	706.4	.5307	.0552	42.0	14.0666		.207
Cycle1	.5098	.3972	.1232	7.2019	.2784	498.7	.2743	.0214	87.6	19.8773		.673
Cycle2	.1419	.0917	.0597	.0268	.1732	415.0	.1710	.0084	191.4	24.4907		1.963
Cycle11	.0543	.0097	.0509	.0002	.0007	273.1	.0000	.0000	125.9	37.2507		1.359
Cycle19	.1874	.0363	.1721	.0553	.0782	421.2	.0774	.0028	79.2	24.1312		.673
Modal Test Results:(Grams)												
Phase: 1												
IDLE	.0352	.0237	.0131	.4145	.0147	78.9	.0139	.0000	30.8	127.5880	0	
ACCEL	.1634	.1076	.0668	1.3010	.3282	729.8	.3381	.0137	149.1	13.8908	0	
CRUISE	.3444	.2364	.1112	2.5095	.1308	623.9	.1259	.0061	137.3	16.1769	0	
DECEL	.1132	.1013	.0249	.6776	.0621	142.6	.0496	.0111	83.0	70.4565	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.2	.0000	0	
TOTAL	.6562	.4690	.2159	4.9026	.5358	1575.2	.5275	.0309	400.4		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.1826	**.1305**	**.0601**	**1.3643**	**.1491**	**438.4**	**.1468**	**.0086**	**400.4**	**23.0892**	**0**	**3.593**
Phase: 2												
IDLE	.0062	.0008	.0060	.0001	.0002	68.3	.0000	.0000	34.1	149.6026	0	
ACCEL	.1565	.0251	.1406	.0011	.0034	871.2	.0010	.0000	202.8	11.6763	0	
CRUISE	.0711	.0151	.0673	.0004	.0010	433.5	.0000	.0000	163.1	23.4885	0	
DECEL	.0232	.0070	.0266	.0000	.0008	104.1	.0000	.0000	105.1	97.7759	0	
TOTAL	.2569	.0481	.2405	.0017	.0054	1477.2	.0010	.0000	505.2		0	
Phase: 2	Equivalent Mass Results: (Grams/Mile)											
	.0665	**.0124**	**.0622**	**.0004**	**.0014**	**382.1**	**.0003**	**.0000**	**505.2**	**26.6237**	**0**	**3.865**
Phase: 3												
IDLE	.0033	.0003	.0044	.0005	.0005	51.4	.0001	.0000	26.8	199.4887	0	
ACCEL	.0589	.0096	.0561	.0852	.0700	639.9	.0699	.0044	145.2	15.8916	0	

CRUISE	.0332	.0168	.0897	.0018	.0295	523.9	.0268	.0010	131.6	19.4086	0	
DECEL	.0166	.0045	.0218	.0099	.0083	96.5	.0067	.0013	89.5	105.9213	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.2	.0000	.0000	.1	.0000	0	
TOTAL	.1719	.0312	.1720	.0973	.1083	1311.9	.1035	.0067	393.2		0	
Phase: 3	Equivalent Mass Results: (Grams/Mile)											
	.0478	**.0087**	**.0478**	**.0271**	**.0301**	**364.7**	**.0288**	**.0019**	**393.2**	**27.8637**	**0**	**3.597**
Weighted Total Equivalent Mass Results:(Grams/Mile)												
	.0854	**.0359**	**.0578**	**.2903**	**.0399**	**389.0**	**.0385**	**.0023**	**1298.7**	**26.1102**	**0**	**11.056**

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.18218	1.37600	.14516	.13200	435.297	.05752	.2772	0.18662	23.2451
Phase: 2	.06641	.00000	.00031	.00996	387.287	.05522	.0103	0.06241	26.2808
Phase: 3	.05042	.03154	.02805	.00861	363.840	.04341	.0367	0.04984	27.9398
CVS Weighted Mass Results:(Grams/Mile)									
	.08600	**.29372**	**.03794**	**.03487**	**390.791**	**.05245**	**.0728**	**.08469**	**25.9769**

Drive Metrics:

CSI	RMS
−2.120	.230

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,791,840	4,813,280	−0.446	5,781.3	5,779.6	0.030	−0.477	−1.572	−2.341	0.2946
Phase: 2	4,344,810	4,344,030	0.018	6,218.9	6,211.2	0.124	−0.106	0.299	0.645	0.2231
Phase: 3	4,802,750	4,813,320	−0.220	5,787.8	5,779.3	0.146	−0.366	−1.218	−2.018	0.2568
Final (Weighted):										
	9,142,870	**9,157,340**	**−0.158**	**12,003.8**	**11,990.6**	**0.110**	**−0.269**	**−0.629**	**−0.679**	**0.2227**

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 05/06/2020 10:52:49

Validator's Comments:

Test Options:

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

Background Particles for PN	.000
MINI DILUTER T/P DILUTION RATIO	9.590
DHFID Hangup value	.000
Tailpipe Methane Response Factor	1.022
DHFID Methane Response Factor	1.087
Bag Methane Response Factor	1.097
Soak Duration(Hrs)	24
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	16.930

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
15MY−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.