

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)											Miles
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	
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:	IDLE	ACCEL	CRUISE	DECEL	CRANK	TOTAL
Phase: 1	.0352	.1634	.3444	.1132	.0000	.6562
	.0237	.1076	.2364	.1013	.0000	.4690
	.0131	.0668	.1112	.0249	.0000	.2159
	.4145	1.3010	2.5095	.6776	.0000	4.9026
	.0147	.3282	.1308	.0621	.0000	.5358
	78.9	729.8	623.9	142.6	.0	1575.2
	.0139	.3381	.1259	.0496	.0000	.5275
	.0000	.0137	.0061	.0111	.0000	.0309
	30.8	149.1	137.3	83.0	.2	400.4
	127.5880	13.8908	16.1769	70.4565	.0000	
	0	0	0	0	0	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:	IDLE	ACCEL	CRUISE	DECEL	TOTAL
Phase: 2	.0062	.1565	.0711	.0232	.2569
	.0008	.0251	.0151	.0070	.0481
	.0060	.1406	.0673	.0266	.2405
	.0001	.0011	.0004	.0000	.0017
	.0002	.0034	.0010	.0008	.0054
	68.3	871.2	433.5	104.1	1477.2
	.0000	.0010	.0000	.0000	.0010
	.0000	.0000	.0000	.0000	.0000
	34.1	202.8	163.1	105.1	505.2
	149.6026	11.6763	23.4885	97.7759	
	0	0	0	0	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:	IDLE	ACCEL
Phase: 3	.0033	.0589
	.0003	.0096
	.0044	.0561
	.0005	.0852
	.0005	.0700
	51.4	639.9
	.0001	.0699
	.0000	.0044
	26.8	145.2
	199.4887	15.8916
	0	0

Modal Test Results											
ACCEL	.0012	.0068	.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

Test Options

Emission Summary Report

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.