EMISSIONS SUMMARY REPORT

Vehicle ID:	**T5305PV55 / GKV8758**	Test ID:	**T5305PV55_US2XSP011120050602 / 576255793**		
Test Req:	**082011200558−7**	Location:	CHELSEA PROVING GROUNDS (Chrysler LLC)		
Test Type:	**US06(2X) − using Split Bag US06**	Facility:	**Test Cell 11**	Start Time:	**05/06/2020 13:41:32**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**05/06/2020 14:03:03**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight: (lbs)	6000
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	9.80
Start Odometer:	100843	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:	3/3	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 − US06

Individual Cycles:(Grams/Mile) **Tailpipe:**

	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.0038	.0009	.0081	.0013	.0111	562.5	.0082	.0015	47.2	18.0739		.268
Cycle2	.0011	.0002	.0051	.0006	.0281	451.1	.0260	.0032	132.6	22.5626		1.022
Cycle3	.0008	.0001	.0039	.0004	.0370	355.5	.0357	.0031	551.0	28.6640		6.236
Cycle4	.0047	.0005	.0168	.0001	.1512	684.2	.1319	.0281	81.7	14.8766		.271
Cycle5	.0035	.0005	.0107	.0006	.4037	767.6	.3862	.0467	53.3	13.2496		.223
Modal Test Results:(Grams)												
Phase: 1												
IDLE	.0002	.0000	.0009	.0001	.0003	19.4	.0001	.0000	12.0	.2094	0	
ACCEL	.0019	.0004	.0067	.0010	.1353	810.9	.1337	.0129	185.0	9.7938	0	
DECEL	.0021	.0003	.0068	.0001	.0269	137.3	.0167	.0088	117.6	74.2727	0	
TOTAL	.0042	.0007	.0143	.0011	.1625	967.6	.1505	.0217	314.7		0	
Phase: 1 Equivalent Mass Results: (Grams/Mile)												
	.0024	**.0004**	**.0080**	**.0006**	**.0912**	**542.8**	**.0844**	**.0122**	**314.7**	**18.7398**	**0**	**1.783**
Phase: 2												
IDLE	.0001	.0000	.0002	.0000	.0000	5.0	.0000	.0000	2.6	.2016	0	
ACCEL	.0019	.0006	.0078	.0021	.0597	993.7	.0564	.0067	216.8	19.4565	0	
CRUISE	.0023	.0003	.0108	.0001	.1433	979.9	.1403	.0102	237.0	31.7001	0	
DECEL	.0009	.0001	.0055	.0004	.0277	238.1	.0260	.0025	94.6	54.7078	0	
TOTAL	.0052	.0009	.0244	.0026	.2308	2216.8	.2227	.0194	551.0		0	
Phase: 2 Equivalent Mass Results: (Grams/Mile)												
	.0008	**.0001**	**.0039**	**.0004**	**.0370**	**355.5**	**.0357**	**.0031**	**551.0**	**28.6640**	**0**	**6.236**
Phase: 1A												
IDLE	.0001	.0000	.0003	.0000	.0001	8.4			4.8	.0000	0	
ACCEL	.0010	.0003	.0035	.0009	.0295	528.5			112.8	10.9653	0	
DECEL	.0010	.0001	.0035	.0001	.0021	74.6			62.1	97.8415	0	
TOTAL	.0022	.0004	.0074	.0010	.0317	611.5			179.8		0	
Phase: 1A Equivalent Mass Results: (Grams/Mile)												

	.0017	**.0003**	**.0058**	**.0008**	**.0246**	**474.3**			**179.8**	**21.4677**	**0**	**1.289**
Phase: 1B												
IDLE	.0001	.0000	.0005	.0000	.0003	11.0			7.2	.3702	0	
ACCEL	.0008	.0001	.0031	.0001	.1058	282.4			72.2	7.6109	0	
DECEL	.0011	.0001	.0033	.0000	.0247	62.7			55.5	45.6289	0	
TOTAL	.0021	.0002	.0069	.0001	.1308	356.1			134.9		0	
Phase: 1B Equivalent Mass Results: (Grams/Mile)												
	.0042	**.0005**	**.0140**	**.0003**	**.2652**	**721.8**			**134.9**	**14.0937**	**0**	**.493**
Total Equivalent Mass Results:(Grams/Mile)												
	.0012	**.0002**	**.0048**	**.0005**	**.0491**	**397.1**	**.0465**	**.0051**	**865.7**	**25.6316**	**0**	**8.019**

CVS Mass Results: (Grams/Mile)

	HC	**CO**	**NOX**	**NMHC**	**CO2**	**CH4**	**NMHC+NOX**	**NMOG+NOX**	**HFID**	**Vol.MPG**
Phase: 1	.00238	.00000	.09304	.00085	594.647	.00120	.0939	.0939	0.00199	17.1020
Phase: 2	.00238	.00000	.03478	.00060	353.294	.00214	.0354	.0354	0.00264	28.8259
CVS Total Mass Results:(Grams/Mile)										
	.00238	**.00000**	**.04773**	**.00066**	**406.950**	**.00193**	**.0484**	**.0484**	**.00249**	**25.0016**

Drive Metrics:

CSI	**RMS**
−17.669	.455

SAE Drive Metrics:

	CED (J)	**CET (J)**	**ER**	**DistD (M)**	**DistT (M)**	**DistR**	**EER**	**ASCR**	**IWR**	**RMSSE (MPH)**
Phase: 1	4,598,860	4,634,640	−0.772	2,868.8	2,852.2	0.582	−1.364	−1.308	−1.677	0.8444
Phase: 2	10,937,000	11,137,900	−1.803	10,036.7	10,035.8	0.009	−1.846	−7.185	−9.609	0.4938
Final:										
	15,535,900	**15,772,500**	**−1.500**	**12,905.5**	**12,888.0**	**0.136**	**−1.661**	**−3.170**	**−5.538**	**0.6542**

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 05/06/2020 14:28:39

Validator's Comments:

Test Options:

Option	**Description**
DHFID Hangup value	.005
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)	28
Threshold	350
CVS K Coeff	507.490
Charging Type	CS
Trace Start Method	Flying
CVS Venturi Selection	High
Pre Test Vehicle Temperature	Hot
Actual Driver	Human
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
Diesel Test	Y
Hybrid Test	Y
Mule Vehicle to Park	Y
Rolls Requirement	Y
SAE Calculations Required	Y
WLTP Fan Required	Y
Wrap Cursor	Y
Weighted Dilution factor	13.110

Sequence Purpose
IUVP − US06
Engr. SpclInst
Engineer to take vehicle scans prior to and after each sequence
Req Spcl Inst
Use 8 ft exhaust pipe and Extra cooling.
Sampling Type List
None −− None −− DCVS , Diesel Tailpipe / Particulates − Single
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.