EMISSIONS SUMMARY REPORT

Vehicle ID:	**T6305PV55 / ESY354**	Test ID:	**T6305PV55_HWFE2X010720051301 / 574148178**		
Test Req:	**082011200571−2**	Location:	CHELSEA PROVING GROUNDS (Chrysler LLC)		
Test Type:	**HWFE(2X)**	Facility:	**Test Cell 7**	Start Time:	**05/13/2020 10:22:10**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**05/13/2020 10:47:55**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight: (lbs)	6000
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	15.69
Start Odometer:	91546	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:	3/3	Vehicle Desc.:	0.00 DS6H91 Dk. Garnet	Emissions Standard:	EPA

Test Req. Purpose: 16MY−T03.05PV CERT − IUVT Consent Decree (EPA74, HWYx2) − Retest 3.0L DS A8 − Fed − MS10756 − BIN5

Seq. Purpose: IUVT − HWFE

Individual Cycles:(Grams/Mile) Tailpipe:

	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.0131	.0091	.0044	.0031	.0003	287.1	.0000	.0000	822.2	35.4507		10.262

Modal Test Results:(Grams)

Phase: 1												
ACCEL	.0402	.0284	.0133	.0096	.0014	897.7	.0000	.0000	240.3	11.3299	0	
CRUISE	.0540	.0373	.0191	.0126	.0008	1189.7	.0000	.0000	333.7	8.5498	0	
DECEL	.0156	.0107	.0055	.0032	.0002	238.5	.0000	.0000	93.1	42.7464	0	
STEADY	.0242	.0176	.0076	.0066	.0005	620.5	.0000	.0000	155.1	16.4102	0	
TOTAL	.1339	.0939	.0455	.0320	.0030	2946.3	.0000	.0000	822.2		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.0131	**.0091**	**.0044**	**.0031**	**.0003**	**287.1**	**.0000**	**.0000**	**822.2**	**35.4507**	**0**	**10.262**

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00169	.00000	.00026	.00031	281.159	.00182	.0006	0.00204	36.2121

Drive Metrics:

CSI	RMS
2.407	.108

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	12,410,500	12,406,800	0.030	16,515.7	16,507.1	0.052	−0.022	−2.121	−2.530	0.1509

Test Validation

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 05/13/2020 11:10:03

Validator's Comments:

Quick Check CoastDown:

	RUN #1	RUN #2	RUN #3	RUN #4
A=	60.2332	56.1700	56.0312	56.1003
B=	−0.2484	−0.0047	−0.0502	−0.0760
C=	0.0403	0.0379	0.0386	0.0389

Match Time	55−45 MPH Coastdown time from measured coefficients				Avg. Time
19.2000 sec	18.7520 sec	18.4550 sec	18.5064 sec	18.5409 sec	18.5008 sec
	97.67%	96.12%	96.39%	96.57%	96.36%

Test Options:

Option	Description
Constant Grade	.000
Threshold	0
Gain	.000
Background Particles	.000
Background Particles for PN	.000
MINI DILUTER T/P DILUTION RATIO	11.540
CVS K Coeff	348.900
DHFID Hangup value	.000
Tailpipe Methane Response Factor	1.025
DHFID Methane Response Factor	1.090
Bag Methane Response Factor	1.099
Soak Duration(Hrs)	119
CVS Main Flow Preset Point Selection	4
Trace Start Method	Crank (Pendant)
Charging Type	CS
Pre Test Vehicle Temperature	Hot
Actual Driver	Human
CVS Venturi Selection	MainFlow[4]
DynoGrade Type	None
Special Test Qualifications	None

OBD II Monitor	None Requested
Abort test on dead battery	Y
Abort Test on INCA Failure	Y
Cert Mode	Y
DbW Available	Y
Diesel Test	Y
Hybrid Test	Y
Quick Check Coast Downs	Y
SAE Calculations Required	Y
WLTP Fan Required	Y
Weighted Dilution factor	9.870

Sequence Purpose
IUVT − HWFE
Engr. SpclInst
Engineer to take INCA data during test and vehicle scans before and after test
System Comments
05/13/2020 11:00:40: CoastDown Succeeded, The Average Coastdown time is 18.50,The match time is 19.20, The Average Coastdown time is 96.36 percent of Given Match time.
Sampling Type List
None / None −− None / None −− DCVS , Diesel Tailpipe / Particulates − Single
Test Request Purpose
16MY−T03.05PV CERT − IUVT Consent Decree (EPA74, HWYx2) − Retest 3.0L DS A8 − Fed − MS10756 − BIN5

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