

### EMISSIONS SUMMARY REPORT

Vehicle ID:	T5305PV55 / GKV8758	Test ID:	T5305PV55_HWFE2X011120050601 / 576255790	
Test Req:	082011200558-4	Location:	CHELSEA PROVING GROUNDS (Chrysler LLC)	
Test Type:	HWFE(2X)	Facility:	Test Cell 11	Start Time: 05/06/2020 11:06:12
Requestor:	REDACTED	Shift Sched.:	AUTO	Trace End: 05/06/2020 11:31:57
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag	Inertia Weight: (lbs) 6000
Operator:	REDACTED	Fuel Type:	MS10756	Road Load Coeff A: 9.80
Start Odometer:	100790	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 - HWFE			

Individual Cycles:(Grams/Mile)	Tailpipe:											
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.0032	.0009	.0037	.0000	.0008	261.8	.0002	.0000	721.6	38.8376		10.260

Modal Test Results:(Grams)												
Phase: 1												
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
ACCEL	.0095	.0028	.0109	.0000	.0033	800.6	.0014	.0000	202.6	12.7034		0
CRUISE	.0131	.0038	.0154	.0000	.0030	1136.5	.0006	.0000	298.4	8.9573		0
DECEL	.0041	.0012	.0048	.0000	.0007	234.8	.0000	.0000	86.6	43.2990		0
STEADY	.0059	.0017	.0070	.0000	.0010	514.6	.0000	.0000	134.0	19.7582		0
TOTAL	.0326	.0096	.0381	.0000	.0079	2686.5	.0020	.0000	721.6			0
Phase: 1 <u>Equivalent Mass Results: (Grams/Mile)</u>												
	.0032	.0009	.0037	.0000	.0008	261.8	.0002	.0000	721.6	38.8376	0	10.260

CVS Mass Results: (Grams/Mile)										
	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG	
Phase: 1	.00375	.00000	.00000	.00058	253.642	.00311		.0006	0.00353	40.0603

Drive Metrics:	
CSI	RMS
.903	.114

SAE Drive Metrics:										
	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	12,358,600	12,375,000	-0.133	16,510.4	16,507.1	0.020	-0.153	-1.455	-1.564	0.1596

## Test Validation

**Test Validation:** Valid:    Invalid:    Retest:    Accept:    NIC: system    Date: 05/06/2020 11:55:07

Validator's Comments:

### Quick Check CoastDown:

	RUN #1	RUN #2	RUN #3	RUN #4
A=	53.0969	51.9239	52.1944	52.0981
B=	0.0173	0.0622	0.0223	0.0277
C=	0.0389	0.0382	0.0390	0.0389

Match Time	55–45 MPH Coastdown time from measured coefficients				Avg. Time
18.7000 sec	18.3968 sec 98.38%	18.4558 sec 98.69%	18.4029 sec 98.41%	18.4500 sec 98.66%	18.4363 sec 98.59%

### 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	9.660
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)	25
CVS K Coeff	311.425
Charging Type	CS
Trace Start Method	Flying
Pre Test Vehicle Temperature	Hot
Actual Driver	Human
CVS Venturi Selection	Medium
DynoGrade Type	None
Special Test Qualifications	None
OBD II Monitor	None Requested

## Test Options

## Emission Summary Report

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	12.360

### Sequence Purpose

IUVP – HWFE

### Engr. SpclInst

Engineer to take vehicle scans prior to and after each sequence

### System Comments

05/06/2020 11:44:51: CoastDown Succeeded, The Average Coastdown time is 18.44,The match time is 18.70, The Average Coastdown time is 98.59 percent of Given Match time.

### Sampling Type List

None / None --- 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.**