EMISSIONS SUMMARY REPORT

Vehicle ID:	**X4XXX7425 / 031M031**	Test ID:	**X4XXX7425_EPA75_020719082201 / 1111012495**		
Test Req:	**082012190974−4**	Location:	CHRYSLER TECH CENTER		
Test Type:	**EPA75**	Facility:	**Test Cell 7**	Start Time:	**08/22/2019 08:31:00**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**08/22/2019 09:11:39**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight:	5500
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	18.52
Start Odometer:	83140	Fuel Anal.#:	10762	Road Load Coeff B:	.3258
AutoLoad File:	None	INCA Project File:	X4XXX6355.exp	Road Load Coeff C:	0.02753
Cell Temp Set Pt:	75	Altitude Set Pt(ft.):	930	Hum. Set Pt (Grains):	50.00
Test Segment:	1/1	Vehicle Desc.:	0.00 GRAND CHERBLACK	Emissions Standard:	Fed. BIN 5

Test Req. Purpose: Emissions baseline in as−received condition. AEM was applied in the field by dealership.

Seq. Purpose: MY14 WK Baseline with AEM applied

Individual Cycles:(Grams/Mile) Tailpipe:

	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Time−63	.2273	.1622	.0585	8.4812	.9005	867.4	.9105	.1176	49.7	11.5497		.207
Cycle1	.4522	.3547	.1022	6.0849	.4810	606.0	.4777	.0499	107.1	16.4927		.673
Cycle2	.1430	.1116	.0345	.0554	.2921	447.1	.2839	.0215	216.5	22.7368		1.963
Cycle11	.1011	.0084	.1044	.0058	.0003	303.7	.0000	.0000	109.2	33.4361		1.375
Cycle19	.1991	.0265	.1906	.0128	.0501	439.5	.0510	.0053	73.6	23.1454		.674
Modal Test Results:(Grams)												
Phase: 1												
IDLE	.0396	.0291	.0112	.2536	.0320	96.0	.0327	.0000	37.0	105.4274	0	
ACCEL	.1797	.1186	.0555	.9254	.5394	816.5	.5531	.0348	171.0	12.4394	0	
CRUISE	.3670	.2581	.1135	2.2438	.2158	703.7	.2075	.0157	153.7	14.3588	0	
DECEL	.0952	.0794	.0290	.7943	.1129	167.1	.0875	.0255	101.4	60.3753	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.1	.0000	0	
TOTAL	.6815	.4852	.2092	4.2172	.9001	1783.3	.8808	.0760	463.1		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.1891	**.1347**	**.0581**	**1.1703**	**.2498**	**494.9**	**.2444**	**.0211**	**463.1**	**20.4565**	**0**	**3.604**
Phase: 2												
IDLE	.0078	.0016	.0069	.0030	.0000	102.1	.0000	.0000	46.1	99.7382	0	
ACCEL	.1340	.0157	.1203	.0184	.0029	940.8	.0012	.0000	212.3	10.8086	0	
CRUISE	.1604	.0141	.1641	.0099	.0003	485.6	.0000	.0000	137.8	20.9154	0	
DECEL	.0385	.0080	.0434	.0053	.0002	153.4	.0000	.0000	100.8	66.4495	0	
TOTAL	.3407	.0394	.3347	.0366	.0034	1681.8	.0012	.0000	496.9		0	
Phase: 2	Equivalent Mass Results: (Grams/Mile)											
	.0871	**.0101**	**.0856**	**.0094**	**.0009**	**430.2**	**.0003**	**.0000**	**496.9**	**23.6487**	**0**	**3.910**
Phase: 3												
IDLE	.0056	.0014	.0046	.0027	.0027	65.7	.0029	.0000	32.4	154.1347	0	
ACCEL	.0807	.0129	.0779	.0157	.1772	691.6	.1736	.0194	145.3	14.6988	0	
CRUISE	.1140	.0140	.1037	.0120	.0207	535.9	.0176	.0036	126.3	18.9714	0	

DECEL	.0237	.0068	.0308	.0060	.0067	126.0	.0050	.0016	86.8	80.6936	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.1	.0000	.0000	.1	.0000	0	
TOTAL	.2281	.0352	.2171	.0365	.2072	1419.3	.1991	.0246	390.8		0	
Phase: 3	Equivalent Mass Results: (Grams/Mile)											
	.0635	**.0098**	**.0604**	**.0102**	**.0577**	**395.1**	**.0554**	**.0068**	**390.8**	**25.7475**	**0**	**3.592**
Weighted Total Equivalent Mass Results:(Grams/Mile)												
	.1017	**.0357**	**.0731**	**.2490**	**.0677**	**433.9**	**.0657**	**.0062**	**1350.8**	**23.4080**	**0**	**11.106**

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	CO2	NMHC	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.17239	1.13301	.24141	476.658	.12614	.05151	.36754	0.17432	21.2294
Phase: 2	.07962	.00417	.00105	407.547	.00647	.07747	.00753	0.07898	24.9254
Phase: 3	.05732	.01334	.05702	379.047	.00613	.05475	.06315	0.05736	26.8352
CVS Weighted Mass Results:(Grams/Mile)									
	.09267	**.23949**	**.06590**	**414.022**	**.03106**	**.06592**	**.09696**	**.09274**	**24.5394**

Drive Metrics:

CSI	RMS
21.220	.429

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,628,330	4,555,880	1.590	5,800.7	5,779.5	0.367	1.204	0.467	1.221	0.4838
Phase: 2	4,374,160	4,207,680	3.956	6,290.7	6,211.7	1.271	2.583	4.218	6.316	0.5275
Phase: 3	4,589,730	4,555,880	0.743	5,783.1	5,779.5	0.062	0.675	0.019	−0.012	0.3809
Final (Weighted):										
	8,980,480	**8,763,570**	**2.475**	**12,081.3**	**11,991.2**	**0.752**	**1.682**	**2.050**	**3.577**	**0.4223**

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / spp23 Date: 08/23/2019 03:27:24

Validator's Comments: This test is valid

Test Options:

Option	Description
DHFID Hangup value	.005
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0

MINI DILUTER T/P DILUTION RATIO	8.630
Weighted Dilution factor	13.490
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
Soak Duration(Hrs)	15
CVS K Coeff	254.900
Threshold	350
Pre Test Vehicle Temperature	Cold
Trace Start Method	Crank (Pendant)
Charging Type	CS
Template Emissions CAT	EPA
Actual Driver	Human
CVS Venturi Selection	Low
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
DbW Available	Y
Diesel Test	Y
Hybrid Test	Y
Inca Requirement	Y
Mule Vehicle to Park	Y
Road (Var.) Speed Fan required	Y
Rolls Requirement	Y
SAE Calculations Required	Y

Sequence Purpose
MY14 WK Baseline with AEM applied
Engr. SpclInst
DiagRA data needs taken before and after each sequence
Req Spcl Inst
Connect DCAN Cable − Automatically setting ROLLS MODE!
Shift Comments
D| Dual Exhaust
Sampling Type List
DCVS , Diesel Tailpipe / Particulates − Multiple
Test Request Purpose
Emissions baseline in as−received condition. AEM was applied in the field by dealership.