

EMISSIONS SUMMARY REPORT

Vehicle ID:	X4XXX3787 / 031M291	Test ID:	X4XXX3787_HWFE2X020819112401 / 1111536917		
Test Req:	082012191528-5	Location:	CHRYSLER TECH CENTER		
Test Type:	HWFE(2X)	Facility:	Test Cell 8	Start Time:	11/24/2019 11:13:33
Requestor:	REDACTED	Shift Sched.:	AUTO	Trace End:	11/24/2019 11:39:19
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag	Inertia Weight: (lbs)	5500
Operator:	REDACTED	Fuel Type:	MS10756	Road Load Coeff A:	21.66
Start Odometer:	79489	Fuel Anal.#:	10762	Road Load Coeff B:	.3128
AutoLoad File:	None	INCA Project File:	X4XXX6355.exp	Road Load Coeff C:	0.02649
Cell Temp Set Pt:	75	Altitude Set Pt(ft.):	930	Hum. Set Pt (Grains):	50.00
Test Segment:	3/3	Vehicle Desc.:	0.00 JE BLACK	Emissions Standard:	EPA

Test Req. Purpose: X4XXX3787 – AEM Baseline
 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
Cycle1	.0103	.0070	.0036	.0117	.0000	275.7	.0000	.0000	723.2	36.8626		10.259

Modal Test Results:(Grams)

Phase: 1

ACCEL	.0297	.0205	.0098	.0344	.0000	842.3	.0000	.0000	203.3	12.0833		0
CRUISE	.0416	.0281	.0151	.0501	.0000	1186.4	.0000	.0000	296.5	8.5784		0
DECEL	.0133	.0086	.0053	.0121	.0000	259.3	.0000	.0000	88.0	39.2803		0
STEADY	.0213	.0151	.0067	.0230	.0000	540.3	.0000	.0000	135.4	18.8407		0
TOTAL	.1059	.0722	.0369	.1196	.0001	2828.3	.0000	.0000	723.2			0

Phase: 1 Equivalent Mass Results: (Grams/Mile)

	.0103	.0070	.0036	.0117	.0000	275.7	.0000	.0000	723.2	36.8626	0	10.259
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CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00224	.00345	.00000	.00000	264.613	.00224	.00000	0.00162	38.3984

Drive Metrics:

CSI	RMS
2.071	.214

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	11,629,400	11,636,000	-0.057	16,509.5	16,507.2	0.014	-0.071	-0.918	-1.039	0.3016

Test Validation

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / pdk17 Date: 11/25/2019 05:09:02

Validator's Comments: ok

Test Options:

Option	Description
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles	.000
Background Particles for PN	.000
Weighted Dilution factor	10.600
MINI DILUTER T/P DILUTION RATIO	10.680
DHFID Hangup value	.000
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.083
Bag Methane Response Factor	1.101
Soak Duration(Hrs)	25
CVS K Coeff	278.855
Threshold	350
Trace Start Method	Crank (Pendant)
Charging Type	CS
Template Emissions CAT	EPA
Pre Test Vehicle Temperature	Hot
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

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Test Comments

Emission Summary Report

Sequence Purpose

MY14 WK Baseline with AEM applied

Req Spcl Inst

Connect DCAN Cable – Automatically setting ROLLS MODE!

Sampling Type List

None --- None --- DCVS , Diesel Tailpipe / Particulates – Multiple

Test Request Purpose

X4XXX3787 – AEM Baseline