

EMISSIONS SUMMARY REPORT

Vehicle ID:	X4XXX3787 / 031M291	Test ID:	X4XXX3787_SC032X020819112401 / 1111536918		
Test Req:	082012191528-7	Location:	CHRYSLER TECH CENTER		
Test Type:	SC03(2X)	Facility:	Test Cell 8	Start Time:	11/24/2019 12:10:05
Requestor:	REDACTED	Shift Sched.:	AUTO	Trace End:	11/24/2019 12:39:14
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag	Inertia Weight: (lbs)	5500
Operator:	REDACTED	Fuel Type:	MS10756	Road Load Coeff A:	21.66
Start Odometer:	79510	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:	95	Altitude Set Pt(ft.):	930	Hum. Set Pt (Grains):	100.00
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)

	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.5464	.2315	.3304	.2338	.0106	5560.3	.0000	.0000	10.4	1.8295		.005
Cycle2	.1245	.0239	.1141	.1842	.0099	496.6	.0083	.0016	131.5	20.4465		.989
Cycle3	.0447	.0129	.0350	.0227	.0248	487.8	.0215	.0064	60.1	20.8447		.391
Cycle4	.0232	.0110	.0148	.0213	.0019	473.9	.0011	.0003	99.9	21.4633		.752
Cycle5	.0151	.0095	.0062	.0160	.0004	341.8	.0000	.0000	129.7	29.7470		1.209
Cycle6	.0333	.0161	.0189	.0298	.0002	534.8	.0000	.0000	51.1	19.0148		.233

Modal Test Results:(Grams)

Phase: 1

IDLE	.0086	.0036	.0054	.0048	.0001	102.1	.0000	.0000	41.1	99.7351		0
ACCEL	.1392	.0322	.1198	.2014	.0203	1068.7	.0174	.0043	248.4	9.5123		0
CRUISE	.0083	.0045	.0040	.0079	.0002	151.1	.0000	.0000	51.7	67.3712		0
DECEL	.0305	.0130	.0221	.0203	.0009	280.0	.0000	.0000	141.1	36.3254		0
CRANK	.0001	.0000	.0000	.0000	.0000	.3	.0000	.0000	.3	.0000		0
TOTAL	.1867	.0533	.1512	.2344	.0216	1602.3	.0174	.0043	482.6			0

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

.0522	.0149	.0422	.0655	.0060	447.7	.0049	.0012	482.6	22.7000	0	3.579
--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	----------------	----------	--------------

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMHC+NOX	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.04438	.05660	.00667	.00980	443.872	.04020	.0165	.01647	0.04810	22.9058

Drive Metrics:

CSI	RMS
8.758	.308

SAE Drive Metrics:

CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
---------	---------	----	-----------	-----------	-------	-----	------	-----	-------------

Emission Summary Report

...

Phase: 1 4,733,940 4,593,050 3.067 5,759.7 5,760.8 -0.019 2.995 2.831 4.152 0.5153

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / spp23 Date: 11/24/2019 15:24:39

Validator's Comments: This test is valid

Test Options:

Option	Description
DHFID Hangup value	.006
Gain	.650
Initial Solar Intensity (in KW/Square meter)	.857
Constant Grade	.000
Diesel Regeneration Required	0
Average Solar Intensity (in KW/Square meter)	.851
Background Particles	.000
Background Particles for PN	.000
MINI DILUTER T/P DILUTION RATIO	10.640
Weighted Dilution factor	29.490
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.083
Bag Methane Response Factor	1.101
Soak Duration(Hrs)	26
Threshold	350
CVS K Coeff	638.530
Solar Intensity (in percent)	89.000
Trace Start Method	Crank (Pendant)
Charging Type	CS
Template Emissions CAT	EPA
Pre Test Vehicle Temperature	Hot
Actual Driver	Human
Solar Profile Name	JA_850
CVS Venturi Selection	Medium
DynoGrade Type	None
Special Test Qualifications	None
OBD II Monitor	None Requested
Abort test on dead battery	Y
Abort Test on INCA Failure	Y

Test Options

Emission Summary Report

Augmented Braking	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
Solar Required	Y

Sequence Purpose

MY14 WK baseline with AEM applied

Req Spcl Inst

With the vehicle on, close all windows 1) For automatic systems press the Auto button and set temp to 72F(22 C). ** a) Do not depress any other buttons on HVAC 2) For Manual systems ** a) Turn AC on **

b) Set AC max ** c) Set system to recirculate ** d) Set fan speed to highest setting ** e) Set temperature to coldest setting

Connect DCAN Cable – Automatically setting ROLLS MODE!

Sampling Type List

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

Test Request Purpose

X4XXX3787 – AEM Baseline

Informational Report Comments

ProcLnch – Initialization failure for Solar Simulator! Retry?

SolStop – Do you want to keep the solar lights on?