

EMISSIONS SUMMARY REPORT

Vehicle ID: **X4XXX7425 / 031M031** Test ID: **X4XXX7425_SC032X020719082201 / 1111012500**
 Test Req: **082012190992-3** Location: **CHRYSLER TECH CENTER**
 Test Type: **SC03(2X)** Facility: **Test Cell 7** Start Time: **08/22/2019 14:29:49**
 Requestor: **REDACTED** Shift Sched.: **AUTO** Trace End: **08/22/2019 14:59:53**
 Driver: **REDACTED** Option(s): **Tailpipe modal & Bag** Inertia Weight: **5500**
 Operator: **REDACTED** Fuel Type: **MS10756** Road Load Coeff A: **18.52**
 Start Odometer: **83212** 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: **95** Altitude Set Pt(ft.): **930** Hum. Set Pt (Grains): **100.00**
 Test Segment: **3/3** 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
Cycle1	.0892	.0035	.1524	.1210	.0978	4705.0	.0612	.0000	11.3	2.1626		.005
Cycle2	.0592	.0042	.0620	.0185	.1273	498.5	.1230	.0159	125.2	20.3835		.993
Cycle3	.0241	.0026	.0246	.0051	.1798	455.6	.1641	.0341	54.5	22.3109		.396
Cycle4	.0187	.0017	.0197	.0060	.0496	478.6	.0461	.0081	97.9	21.2405		.755
Cycle5	.0060	.0006	.0091	.0045	.0008	350.4	.0007	.0000	130.9	29.0722		1.207
Cycle6	.0137	.0011	.0177	.0079	.0002	527.5	.0000	.0000	50.4	19.3068		.234

Modal Test Results:(Grams)

Phase: 1												
	HC	CO	NOX	CO2	NMHC	CH4	NMHC+NOX	NMOG+NOX	HFID	Vol.MPG		
IDLE	.0033	.0002	.0040	.0016	.0004	95.5	.0000	.0000	39.1	107.1032		0
ACCEL	.0674	.0056	.0684	.0251	.2223	1079.8	.2138	.0319	245.5	9.4198		0
CRUISE	.0031	.0003	.0038	.0020	.0005	149.2	.0005	.0000	50.5	68.2898		0
DECEL	.0195	.0014	.0259	.0040	.0133	282.1	.0088	.0035	135.1	36.0764		0
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0	.0000		0
TOTAL	.0933	.0075	.1021	.0328	.2365	1606.5	.2231	.0354	470.2			0
Phase: 1 Equivalent Mass Results: (Grams/Mile)												
	.0260	.0021	.0284	.0091	.0659	447.4	.0621	.0099	470.2	22.7597	0	3.591

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	CO2	NMHC	CH4	NMHC+NOX	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.02527	.00802	.06712	432.599	.00650	.02367	.0736	.07361	0.02864	23.4949

Drive Metrics:

CSI	RMS
.984	.240

SAE Drive Metrics:

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

Emission Summary Report

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Phase: 1 4,629,420 4,592,820 0.797 5,778.4 5,760.9 0.302 0.491 0.296 1.111 0.4037

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / spp23 Date: 08/23/2019 03:54:46

Validator's Comments: This test is valid

Test Options:

Option	Description
DHFID Hangup value	.005
Gain	.650
Initial Solar Intensity (in KW/Square meter)	.803
Constant Grade	.000
Diesel Regeneration Required	0
Average Solar Intensity (in KW/Square meter)	.864
MINI DILUTER T/P DILUTION RATIO	8.640
Weighted Dilution factor	27.410
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
Threshold	350
Soak Duration(Hrs)	4
CVS K Coeff	539.114
Solar Intensity (in percent)	90.000
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
Augmented Braking	Y
Diesel Test	Y

Test Options

Emission Summary Report

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

Engr. SpclInst

Engineer needs to collect DiagaRA data at the end of drive cycle.

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!

Shift Comments

D| Dual Exhaust

Sampling Type List

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

Test Request Purpose

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Informational Report Comments

SolInit – Solar simulator is in manual mode. Please place in remote mode.

Proclnch – Initialization failure for INCA! Retry?

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