

EMISSIONS SUMMARY REPORT

Vehicle ID: **X4XXX7425 / 031M031** Test ID: **X4XXX7425_HWFE2X020719082201 / 1111012496**
 Test Req: **082012190974-5** Location: **CHRYSLER TECH CENTER**
 Test Type: **HWFE(2X)** Facility: **Test Cell 7** Start Time: **08/22/2019 09:42:09**
 Requestor: **REDACTED** Shift Sched.: **AUTO** Trace End: **08/22/2019 10:07:55**
 Driver: **REDACTED** Option(s): **Tailpipe modal & Bag** Inertia Weight: **5500**
 Operator: **REDACTED** Fuel Type: **MS10756** Road Load Coeff A: **18.52**
 Start Odometer: **83151** 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: **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	.0026	.0006	.0031	.0040	.0034	280.4	.0026	.0004	765.7	36.3410		10.262

Modal Test Results:(Grams)

Phase: 1

ACCEL	.0072	.0018	.0086	.0121	.0166	852.5	.0134	.0016	216.0	11.9289	0
CRUISE	.0107	.0028	.0125	.0171	.0134	1219.9	.0098	.0019	315.4	8.3404	0
DECEL	.0036	.0005	.0050	.0037	.0010	260.6	.0007	.0000	91.5	38.9859	0
STEADY	.0052	.0011	.0060	.0080	.0041	544.5	.0029	.0003	142.8	18.6702	0
TOTAL	.0267	.0062	.0321	.0408	.0350	2877.6	.0268	.0038	765.7		0

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

	.0026	.0006	.0031	.0040	.0034	280.4	.0026	.0004	765.7	36.3410	0	10.262
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CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	CO2	NMHC	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00159	.00136	.00357	268.690	.00000	.00139	.00357	0.00113	37.8279

Drive Metrics:

CSI	RMS
4.723	.413

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	11,696,700	11,636,500	0.517	16,515.6	16,508.5	0.043	0.471	1.386	2.382	0.5838

Test Validation

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / spp23 Date: 08/23/2019 03:33:36

Validator's Comments: This test is valid

Test Options:

Option	Description
DHFID Hangup value	.002
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
MINI DILUTER T/P DILUTION RATIO	8.650
Weighted Dilution factor	9.990
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
Soak Duration(Hrs)	16
CVS K Coeff	254.900
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

Sequence Purpose

08/23/19 03:33:59

2/3

Test Comments

Emission Summary Report

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

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

Test Request Purpose

Emissions baseline in as–received condition. AEM was applied in the field by dealership.