

### EMISSIONS SUMMARY REPORT

Vehicle ID:	<b>X4XXX7425 / 031M031</b>	Test ID:	<b>X4XXX7425_HWFE2X020719082201 / 1111012496</b>
Test Req:	<b>082012190974-5</b>	Location:	CHRYSLER TECH CENTER
Test Type:	<b>HWFE(2X)</b>	Facility:	<b>Test Cell 7</b>
Requestor:	<b>REDACTED</b>	Shift Sched.:	AUTO
Driver:	<b>REDACTED</b>	Option(s):	Tailpipe modal & Bag
Operator:	<b>REDACTED</b>	Fuel Type:	MS10756
Start Odometer:	83151	Fuel Anal.#:	10762
AutoLoad File:	None	INCA Project File:	X4XXX6355.exp
Cell Temp Set Pt:	75	Altitude Set Pt(ft.):	930
Test Segment:	3/3	Vehicle Desc.:	0.00 GRAND CHERBLACK

Start Time: **08/22/2019 09:42:09**  
 Trace End: **08/22/2019 10:07:55**  
 Inertia Weight: 5500  
 Road Load Coeff A: 18.52  
 Road Load Coeff B: .3258  
 Road Load Coeff C: 0.02753  
 Hum. Set Pt (Grains): 50.00  
 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

<b>Individual Cycles:(Grams/Mile)</b>	<b>Tailpipe:</b>
<b>HC NMHC CH4 CO NOX CO2 NO NO2 ExVol MPG DM Miles</b>	
Cycle1 .0026 .0006 .0031 .0040 .0034 280.4 .0026 .0004 765.7 36.3410	DM Miles 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)

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

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

**Drive Metrics:**

<b>CSI RMS</b>
4.723 .413

**SAE Drive Metrics:**

<b>CED (J) CET (J) ER DistD (M) DistT (M) DistR EER ASCR IWR RMSSE (MPH)</b>
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.