

EMISSIONS SUMMARY REPORT

Vehicle ID: **X5XXX3264 / 031M160** Test ID: **X5XXX3264_HWFE2X020720100801 / 1111016946**
 Test Req: **082012201403-4** Location: **CHRYSLER TECH CENTER**
 Test Type: **HWFE(2X)** Facility: **Test Cell 7** Start Time: **10/08/2020 11:20:58**
 Requestor: **REDACTED** Shift Sched.: **AUTO** Trace End: **10/08/2020 11:46:44**
 Driver: **REDACTED** Option(s): **Tailpipe modal & Bag** Inertia Weight: (lbs) **6000**
 Operator: **REDACTED** Fuel Type: **MS10756** Road Load Coeff A: **2.36**
 Start Odometer: **117050** Fuel Anal.#: **10917** Road Load Coeff B: **.2178**
 AutoLoad File: **None** INCA Project File: **X5XXX3264_15MYDS30.exp** Road Load Coeff C: **0.03345**
 Cell Temp Set Pt: **75** Altitude Set Pt(ft.): **930** Hum. Set Pt (Grains): **50.00**
 Test Segment: **3/3** Vehicle Desc.: **0.00 1500 RAM GRAY** Emissions Standard: **EPA**
 Test Req. Purpose: **X5XXX3264 – Consent Decree – Tailpipe Emissions**
 Seq. Purpose: **HFET – MY 15 DS – Consent Decree Tailpipe**

Individual Cycles:(Grams/Mile) Tailpipe:

	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.0039	.0013	.0036	.0000	.0016	280.6	.0012	.0001	794.7	36.2113		10.251

Modal Test Results:(Grams)
 Phase: 1

ACCEL	.0125	.0046	.0102	.0001	.0080	862.4	.0065	.0002	225.5	11.8043	0
CRUISE	.0150	.0052	.0145	.0003	.0063	1204.8	.0039	.0006	325.1	8.4443	0
DECEL	.0049	.0014	.0048	.0000	.0005	253.6	.0004	.0000	94.7	40.0598	0
STEADY	.0080	.0024	.0076	.0000	.0019	555.5	.0011	.0002	149.5	18.3340	0
TOTAL	.0405	.0136	.0372	.0004	.0167	2876.3	.0119	.0010	794.7		0

 Phase: 1 Equivalent Mass Results: (Grams/Mile)
.0039 .0013 .0036 .0000 .0016 280.6 .0012 .0001 794.7 36.2113 0 10.251

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00349	.00000	.00175	.00041	277.070	.00267	.0022	0.00290	36.7346

Drive Metrics:

	CSI	RMS
	-4.951	.221

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	11,981,800	12,058,900	-0.639	16,497.2	16,506.8	-0.058	-0.584	-5.811	-6.659	0.3114

Test Validation

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 10/08/2020 12:04:42

Validator's Comments:

Test Options:

Option	Description
DHFID Hangup value	.019
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.000
MINI DILUTER T/P DILUTION RATIO	9.430
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
Soak Duration(Hrs)	22
CVS K Coeff	254.900
Threshold	350
Trace Start Method	Crank (Pendant)
Charging Type	CS
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
Cert Mode	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 Options

Emission Summary Report

Weighted Dilution factor 9.470

Sequence Purpose

HFET – MY 15 DS – Consent Decree Tailpipe

Req Spcl Inst

Connect DCAN Cable – Automatically setting ROLLS MODE!

Sampling Type List

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

Test Request Purpose

X5XXX3264 – Consent Decree – Tailpipe Emissions

Informational Report Comments

ProcLnch – Initialization failure for INCA! Retry?

The results in this report relate only to this specific test.