EMISSIONS SUMMARY REPORT

Vehicle ID:	**X5XXX3264 / 031M160**	Test ID:	**X5XXX3264_EPA75_020720100801 / 1111016945**		
Test Req:	**082012201403−3**	Location:	CHRYSLER TECH CENTER		
Test Type:	**EPA75**	Facility:	**Test Cell 7**	Start Time:	**10/08/2020 10:11:36**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**10/08/2020 10:52:15**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight: (lbs)	6000
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	2.36
Start Odometer:	117039	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:	1/1	Vehicle Desc.:	0.00 1500 RAM GRAY	Emissions Standard:	EPA
Test Req. Purpose:	X5XXX3264 − Consent Decree − Tailpipe Emissions				
Seq. Purpose:	cFTP75 − MY 15 DS − Consent Decree Tailpipe				

Individual Cycles:(Grams/Mile) **Tailpipe:**

	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Time−63	.2953	.2081	.0889	11.5605	.4845	805.7	.4743	.0970	48.6	12.3328		.206
Cycle1	.6325	.4785	.1672	9.2248	.2520	540.8	.2459	.0360	96.6	18.2527		.673
Cycle2	.2318	.1595	.0796	.0884	.2146	445.6	.2087	.0176	204.7	22.7710		1.962
Cycle11	.0395	.0101	.0324	.0000	.0016	293.7	.0006	.0000	152.8	34.5971		1.363
Cycle19	.1762	.0301	.1630	.2972	.0372	403.6	.0360	.0033	74.8	25.1236		.672
Modal Test Results:(Grams)												
Phase: 1												
IDLE	.0380	.0238	.0149	.1846	.0172	84.4	.0165	.0002	34.1	120.5618	0	
ACCEL	.2140	.1501	.0666	1.5858	.3797	788.2	.3922	.0275	164.3	12.8616	0	
CRUISE	.5530	.3818	.1775	3.6761	.1439	679.8	.1361	.0111	150.1	14.8004	0	
DECEL	.1161	.1055	.0266	.9364	.0632	146.2	.0409	.0202	95.8	68.8276	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.1		0	
TOTAL	.9211	.6612	.2855	6.3830	.6039	1698.6	.5857	.0590	444.5		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.2568	**.1843**	**.0796**	**1.7794**	**.1684**	**473.5**	**.1633**	**.0164**	**444.5**	**21.3056**	**0**	**3.587**
Phase: 2												
IDLE	.0100	.0016	.0088	.0000	.0003	86.2	.0000	.0000	37.5	118.2799	0	
ACCEL	.2343	.0431	.1969	.0010	.0142	969.9	.0109	.0016	234.7	10.4825	0	
CRUISE	.0986	.0228	.0894	.0000	.0023	481.2	.0000	.0000	181.7	21.1418	0	
DECEL	.0290	.0107	.0315	.0000	.0017	104.7	.0002	.0002	116.6	96.8278	0	
TOTAL	.3719	.0782	.3266	.0011	.0185	1642.0	.0111	.0018	570.4		0	
Phase: 2	Equivalent Mass Results: (Grams/Mile)											
	.0964	**.0203**	**.0846**	**.0003**	**.0048**	**425.5**	**.0029**	**.0005**	**570.4**	**23.8698**	**0**	**3.859**
Phase: 3												
IDLE	.0062	.0011	.0055	.0011	.0009	62.6	.0005	.0000	29.4	161.4722	0	
ACCEL	.1206	.0180	.1060	.2286	.1211	685.2	.1169	.0156	151.4	14.8391	0	
CRUISE	.1346	.0230	.1267	.0120	.0198	547.1	.0169	.0027	131.8	18.5879	0	

DIESEL	.0265	.0093	.0279	.0208	.0055	103.6	.0035	.0012	97.0	97.7374	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.1	.0000	.0000	.1		0	
TOTAL	.2879	.0514	.2661	.2624	.1474	1398.5	.1378	.0195	409.8		0	
Phase: 3	Equivalent Mass Results: (Grams/Mile)											
	.0803	**.0143**	**.0743**	**.0732**	**.0411**	**390.3**	**.0385**	**.0054**	**409.8**	**26.0675**	**0**	**3.583**
Weighted Total Equivalent Mass Results:(Grams/Mile)												
	.1252	**.0526**	**.0807**	**.3889**	**.0487**	**425.8**	**.0459**	**.0051**	**1424.7**	**23.8304**	**0**	**11.029**

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.24995	1.82966	.16467	.19689	474.504	.07658	.3616	0.26852	21.2559
Phase: 2	.09324	.00000	.00417	.01975	436.476	.07813	.0239	0.09285	23.3233
Phase: 3	.08048	.08285	.04042	.01261	391.696	.07207	.0530	0.08002	25.9336
CVS Weighted Mass Results:(Grams/Mile)									
	.12220	**.40175**	**.04737**	**.05448**	**432.064**	**.07615**	**.1019**	**.12572**	**23.4992**

Drive Metrics:

CSI	RMS
−1.348	.314

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,694,570	4,724,510	−0.634	5,773.6	5,779.3	−0.098	−0.539	−2.320	−3.488	0.3568
Phase: 2	4,280,850	4,263,780	0.400	6,208.7	6,211.3	−0.042	0.440	0.597	1.178	0.3338
Phase: 3	4,701,780	4,724,650	−0.484	5,767.9	5,779.2	−0.196	−0.289	−1.510	−2.189	0.3652
Final (Weighted):										
	8,979,530	**8,988,370**	**−0.098**	**11,979.1**	**11,990.6**	**−0.096**	**−0.002**	**−0.777**	**−0.677**	**0.3064**

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / spp23 Date: 10/08/2020 15:05:02

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	9.340
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
Soak Duration(Hrs)	21
CVS K Coeff	254.900
Threshold	350
Pre Test Vehicle Temperature	Cold
Trace Start Method	Crank (Pendant)
Charging Type	CS
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
Weighted Dilution factor	13.020

Sequence Purpose
cFTP75 − MY 15 DS − Consent Decree Tailpipe
Req Spcl Inst
Connect DCAN Cable − Automatically setting ROLLS MODE!
Sampling Type List
DCVS , Diesel Tailpipe / Particulates − Multiple
Test Request Purpose
X5XXX3264 − Consent Decree − Tailpipe Emissions

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