EMISSIONS SUMMARY REPORT

Vehicle ID:	**V6DS63822 / 031M450**	Test ID:	**V6DS63822_EPA75_020720070101 / 1111015745**		
Test Req:	**082012200801−4**	Location:	CHRYSLER TECH CENTER		
Test Type:	**EPA75**	Facility:	**Test Cell 7**	Start Time:	**07/01/2020 10:19:35**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**07/01/2020 11:00:08**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight: (lbs)	6000
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	10.58
Start Odometer:	117043	Fuel Anal.#:	10892	Road Load Coeff B:	.2664
AutoLoad File:	None	INCA Project File:	V6DS63822_16DS30_CD_TP.exp	Road Load Coeff C:	0.03313
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 WHITE	Emissions Standard:	EPA

Test Req. Purpose: V6DS63822 − Consent Decree − Tailpipe Emissions

Seq. Purpose: cFTP75 − MY 16 DS − Consent Decree Tailpipe

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

	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Time−63	.2641	.1329	.1111	15.4122	.4113	718.3	.4638	.0488	44.2	13.6946		.207
Cycle1	.5272	.3096	.2298	7.4116	.2717	549.3	.2788	.0284	92.8	18.0963		.673
Cycle2	.1786	.0905	.1013	.0373	.1907	457.2	.1930	.0115	194.0	22.2359		1.963
Cycle11	.0586	.0149	.0469	.0002	.0012	292.3	.0000	.0000	124.1	34.8264		1.362
Cycle19	.1959	.0405	.1658	.0565	.0642	448.4	.0660	.0036	81.3	22.6776		.674
Modal Test Results:(Grams)												
Phase: 1												
IDLE	.0447	.0322	.0139	.0894	.0223	78.3	.0229	.0004	34.8	129.9857	0	
ACCEL	.2077	.0994	.1305	1.9650	.3034	764.7	.3216	.0165	160.3	13.2370	0	
CRUISE	.3427	.1801	.1529	1.3536	.1558	682.9	.1465	.0135	143.8	14.8290	0	
DECEL	.1442	.0955	.0710	1.6590	.0820	221.2	.0798	.0113	84.9	45.4145	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.1		0	
TOTAL	.7393	.4072	.3684	5.0669	.5636	1747.2	.5708	.0417	423.9		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.2058	**.1133**	**.1025**	**1.4101**	**.1568**	**486.2**	**.1588**	**.0116**	**423.9**	**20.8150**	**0**	**3.593**
Phase: 2												
IDLE	.0081	.0028	.0056	.0002	.0004	74.0	.0000	.0000	39.3	137.4640	0	
ACCEL	.1553	.0394	.1114	.0016	.0061	911.1	.0027	.0000	222.7	11.1639	0	
CRUISE	.1028	.0292	.0843	.0009	.0023	502.5	.0000	.0000	161.9	20.2171	0	
DECEL	.0501	.0159	.0441	.0005	.0023	197.3	.0004	.0003	111.9	51.6124	0	
TOTAL	.3162	.0873	.2455	.0033	.0111	1685.0	.0031	.0003	535.8		0	
Phase: 2	Equivalent Mass Results: (Grams/Mile)											
	.0819	**.0226**	**.0636**	**.0009**	**.0029**	**436.4**	**.0008**	**.0001**	**535.8**	**23.3251**	**0**	**3.861**
Phase: 3												
IDLE	.0063	.0024	.0042	.0008	.0012	55.3	.0011	.0000	30.6	184.9510	0	
ACCEL	.1120	.0269	.0927	.5321	.0980	656.2	.1088	.0057	149.8	15.4839	0	
CRUISE	.1211	.0270	.0995	.0094	.0353	563.7	.0308	.0039	133.7	18.0295	0	

DIESEL	.0396	.0134	.0343	.0300	.0132	169.5	.0107	.0019	94.2	60.1500	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.1	.0000	.0000	.1		0	
TOTAL	.2791	.0697	.2307	.5722	.1477	1444.7	.1514	.0115	408.4		0	

Phase: 3 Equivalent Mass Results: (Grams/Mile)

.0777	**.0194**	**.0642**	**.1593**	**.0411**	**402.2**	**.0421**	**.0032**	**408.4**	**25.2816**	**0**	**3.592**

Weighted Total Equivalent Mass Results:(Grams/Mile)

.1064	**.0405**	**.0718**	**.3365**	**.0453**	**437.3**	**.0449**	**.0033**	**1368.1**	**23.2393**	**0**	**11.047**

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.19209	1.43304	.15465	.10130	472.187	.09790	.25594	0.19287	21.4291
Phase: 2	.07176	.00000	.00224	.01350	424.646	.06241	.01575	0.07190	23.9303
Phase: 3	.06767	.15891	.04125	.01094	390.574	.06191	.05219	0.06885	25.9939

CVS Weighted Mass Results:(Grams/Mile)

.09558	**.34068**	**.04455**	**.03100**	**425.140**	**.06963**	**.07554**	**.09613**	**23.8960**	

Drive Metrics:

CSI	RMS
.065	.296

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,712,730	4,733,910	−0.447	5,781.7	5,779.5	0.038	−0.488	−1.438	−2.824	0.3198
Phase: 2	4,297,120	4,272,760	0.570	6,215.5	6,211.3	0.068	0.499	0.457	0.690	0.3271
Phase: 3	4,723,540	4,733,690	−0.215	5,780.3	5,780.1	0.004	−0.219	−1.020	−2.033	0.3371
Final (Weighted):										
	9,016,010	**9,006,550**	**0.105**	**11,996.4**	**11,991.1**	**0.044**	**0.061**	**−0.467**	**−0.757**	**0.2885**

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / spp23 Date: 07/01/2020 14:22:58

Validator's Comments: This test is valid

Test Options:

Option	Description
DHFID Hangup value	.009
Gain	.650
Constant Grade	.000

Diesel Regeneration Required	0
Background Particles	.000
Background Particles for PN	.000
MINI DILUTER T/P DILUTION RATIO	10.240
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
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	13.290

Sequence Purpose
cFTP75 − MY 16 DS − Consent Decree Tailpipe
Req Spcl Inst
Connect DCAN Cable − Automatically setting ROLLS MODE!
Shift Comments
D| Dual Exhaust
Sampling Type List
DCVS , Diesel Tailpipe / Particulates − Multiple
Test Request Purpose
V6DS63822 − Consent Decree − Tailpipe Emissions

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