EMISSIONS SUMMARY REPORT

Vehicle ID:	**T6305PV196 / HAC7960**	Test ID:	**T6305PV196_EPA75_020823082301 / 1111549453**		
Test Req:	**082012230992-4**	Location:	CHRYSLER TECH CENTER		
Test Type:	**EPA75**	Facility:	**Test Cell 8**	Start Time:	**08/23/2023 09:55:28**
Requestor:	REDACTED	Shift Sched.:	AUTO	Trace End:	**08/23/2023 10:36:01**
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag	Inertia Weight: (lbs)	5500.0
Operator:	REDACTED	Fuel Type:	MS10756	Road Load Coeff A:	20.44
Start Odometer:	110082	Fuel Anal.#:	11022	Road Load Coeff B:	.0563
AutoLoad File:	None	INCA Project File:	REDACTE_16MY_WK_4WD_Diesel.exp	Road Load Coeff C:	0.03053
Cell Temp Set Pt (F):	75	Altitude Set Pt(ft.):	930	Hum. Set Pt (Grains):	50.00
Test Segment:	1/1	Vehicle Desc.:	0.00 JEEP Granite Cr	Emissions Standard:	EPA
Test Req. Purpose:	T6305PV196 - REDACTE- IUVT Consent Decree Witness Testing 16MY 3.0L DSL WK (RL, PREP, FTP75, HFET, US06)				
Seq. Purpose:	cFTP75 Emissions				

Individual Cycles:(Grams/Mile) Tailpipe:

	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Time-63	.2027	.1385	.0583	8.8336	.6147	816.1	.5986	.1201	45.9	12.2524		.207
Cycle1	.3679	.2676	.1075	5.5715	.3425	560.4	.3315	.0468	99.5	17.8548		.673
Cycle2	.1292	.0832	.0500	.0203	.2005	417.7	.1936	.0162	193.9	24.3184		1.964
Cycle11	.0987	.0077	.1003	.0000	.0009	286.3	.0000	.0000	103.4	35.5408		1.362
Cycle19	.2500	.0187	.2531	.1058	.0175	398.6	.0145	.0013	63.6	25.4417		.675

Modal Test Results:(Grams)

Phase: 1												
IDLE	.0318	.0212	.0109	.2653	.0287	96.8	.0286	.0002	33.8	104.3398	0	
ACCEL	.1353	.0869	.0464	.9858	.3856	776.4	.3929	.0285	154.8	13.0797	0	
CRUISE	.2864	.1875	.1036	1.7974	.1569	647.3	.1494	.0108	141.5	15.6374	0	
DECEL	.0758	.0641	.0231	.7409	.0719	131.2	.0472	.0248	100.7	76.8544	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.1		0	
TOTAL	.5294	.3597	.1841	3.7894	.6430	1651.8	.6181	.0643	430.8		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.1471	**.1000**	**.0512**	**1.0532**	**.1787**	**459.1**	**.1718**	**.0179**	**430.8**	**22.0678**	**0**	**3.598**
Phase: 2												
IDLE	.0082	.0021	.0065	.0001	.0004	92.9	.0000	.0000	33.9	109.3876	0	
ACCEL	.3389	.0275	.3277	.0003	.0037	916.7	.0002	.0000	184.1	11.0839	0	
CRUISE	.1084	.0139	.1061	.0000	.0014	450.7	.0000	.0000	131.8	22.5457	0	
DECEL	.0405	.0065	.0500	.0003	.0008	122.3	.0000	.0000	91.2	83.3217	0	
TOTAL	.4960	.0500	.4904	.0007	.0063	1582.5	.0002	.0000	441.0		0	
Phase: 2	Equivalent Mass Results: (Grams/Mile)											
	.1281	**.0129**	**.1267**	**.0002**	**.0016**	**408.7**	**.0001**	**.0000**	**441.0**	**24.8551**	**0**	**3.872**
Phase: 3												
IDLE	.0048	.0011	.0040	.0004	.0004	62.3	.0000	.0000	25.6	164.0842	0	

ACCEL	.1320	.0103	.1401	.0730	.0449	662.4	.0433	.0075	134.3	15.3591	0	
CRUISE	.1562	.0099	.1528	.0026	.0055	520.1	.0027	.0007	115.9	19.5503	0	
DECEL	.0323	.0056	.0396	.0102	.0020	110.9	.0010	.0000	85.7	91.5774	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.1	.0000	.0000	.0		0	
TOTAL	.3254	.0269	.3365	.0863	.0528	1355.7	.0470	.0082	361.6		0	
Phase: 3	Equivalent Mass Results: (Grams/Mile)											
	.0905	**.0075**	**.0936**	**.0240**	**.0147**	**377.2**	**.0131**	**.0023**	**361.6**	**26.9687**	**0**	**3.594**
Weighted Total Equivalent Mass Results:(Grams/Mile)												
	.1217	**.0295**	**.1020**	**.2248**	**.0419**	**410.5**	**.0392**	**.0043**	**1233.5**	**24.7146**	**0**	**11.064**

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.13396	1.04754	.17671	.09263	460.694	.04610	.2693	0.13606	21.9742
Phase: 2	.11642	.00000	.00079	.00809	398.818	.11343	.0089	0.11498	25.4800
Phase: 3	.08562	.01448	.01462	.00653	371.682	.08442	.0211	0.08607	27.3332
CVS Weighted Mass Results:(Grams/Mile)									
	.11160	**.22094**	**.04102**	**.02517**	**404.187**	**.09152**	**.0662**	**.11141**	**25.1443**

Drive Metrics:

CSI	RMS
.713	.357

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,439,810	4,477,960	-0.852	5,792.6	5,779.4	0.230	-1.091	-2.291	-3.141	0.3716
Phase: 2	4,136,400	4,132,510	0.094	6,231.1	6,211.1	0.322	-0.228	0.027	0.023	0.3820
Phase: 3	4,438,260	4,477,700	-0.881	5,784.1	5,779.7	0.077	-0.966	-1.847	-2.817	0.4446
Final (Weighted):										
	8,575,320	**8,610,330**	**-0.407**	**12,019.0**	**11,990.7**	**0.236**	**-0.645**	**-1.122**	**-1.384**	**0.3494**

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / mh1294 Date: 08/23/2023 15:33:34

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

Test Options:

Option	Description
DHFID Hangup value	.026
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.003
MINI DILUTER T/P DILUTION RATIO	9.950
Tailpipe Methane Response Factor	1.066
Bag Methane Response Factor	1.088
DHFID Methane Response Factor	1.089
Soak Duration(Hrs)	22
CVS K Coeff	278.855
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
Cert Mode	Y
Road (Var.) Speed Fan required	Y
Rolls Requirement	Y
Diesel Test	Y
Augmented Braking	Y
Inca Requirement	Y
Abort Test on INCA Failure	Y
Abort test on dead battery	Y
Hybrid Test	Y
Mule Vehicle to Park	Y
SAE Calculations Required	Y
DbW Available	Y
Check Soak Time	Y
Weighted Dilution factor	15.050

Sequence Purpose
cFTP75 Emissions
Engr. SpclInst
Engineer needs to collect Diagra Data during soak period and at the end of drive cycle.
System Comments
08/23/2023 10:41:39: Current filter for the tailpipe bench is #2. Filter swap strategy: swap
Sampling Type List
DCVS , Diesel Tailpipe / Particulates - Multiple
Test Request Purpose
T6305PV196 - REDACTE- IUVT Consent Decree Witness Testing 16MY 3.0L DSL WK (RL, PREP, FTP75, HFET, US06)

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