EMISSIONS SUMMARY REPORT

Vehicle ID:	**T5305PV069 / 6NRM60**	Test ID:	**T5305PV069_US2XSP020823080902 / 1111549355**		
Test Req:	**082012230976-1**	Location:	CHRYSLER TECH CENTER		
Test Type:	**US06(2X) - using Split Bag US06**	Facility:	**Test Cell 8**	Start Time:	**08/09/2023 13:55:18**
Requestor:	REDACTED	Shift Sched.:	AUTO	Trace End:	**08/09/2023 14:16:49**
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag	Inertia Weight: (lbs)	5500.0
Operator:	REDACTED	Fuel Type:	MS10756	Road Load Coeff A:	23.40
Start Odometer:	118972	Fuel Anal.#:	11022	Road Load Coeff B:	.1514
AutoLoad File:	None	INCA Project File:	REDACTED_15MY_WK_4WD_Diesel.exp	Road Load Coeff C:	0.02860
Cell Temp Set Pt (F):	75	Altitude Set Pt(ft.):	930	Hum. Set Pt (Grains):	50.00
Test Segment:	3/3	Vehicle Desc.:	0.00 JEEP BLUE	Emissions Standard:	EPA
Test Req. Purpose:	T5305PV069 - REDACTED - IUVT Consent Decree Witness Testing 15MY 3.0L DSL WK (RL, PREP, FTP75, HFET, US06)				
Seq. Purpose:	US06 Emissions				

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

	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.0210	.0111	.0123	.0003	.0654	588.4	.0493	.0222	50.1	17.3039		.266
Cycle2	.0106	.0074	.0038	.0002	.0891	462.2	.0857	.0139	135.4	22.0239		1.018
Cycle3	.0062	.0046	.0020	.0001	.0684	362.4	.0647	.0120	570.3	28.1085		6.239
Cycle4	.0242	.0156	.0100	.0003	.2742	779.2	.2277	.0805	81.3	13.0614		.276
Cycle5	.0201	.0155	.0053	.0005	.5505	826.0	.5333	.0837	53.2	12.3185		.221

Modal Test Results:(Grams)

Phase: 1												
IDLE	.0013	.0006	.0006	.0002	.0002	22.9	.0000	.0000	11.6	.2661	0	
ACCEL	.0155	.0110	.0062	.0002	.2611	870.2	.2616	.0375	187.1	8.9729	0	
DECEL	.0107	.0066	.0043	.0001	.0440	131.1	.0193	.0232	121.3	78.8610	0	
TOTAL	.0275	.0182	.0111	.0005	.3053	1024.2	.2809	.0607	320.1		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.0154	**.0102**	**.0062**	**.0003**	**.1715**	**575.3**	**.1578**	**.0341**	**320.1**	**17.6956**	**0**	**1.780**
Phase: 2												
IDLE	.0003	.0001	.0002	.0000	.0000	5.0	.0000	.0000	2.4		0	
ACCEL	.0155	.0121	.0042	.0000	.2596	1014.7	.2459	.0492	223.8	19.0193	0	
CRUISE	.0160	.0117	.0050	.0001	.1427	1002.2	.1382	.0211	243.4	31.0224	0	
DECEL	.0072	.0045	.0031	.0001	.0241	239.3	.0195	.0047	100.7	54.7031	0	
TOTAL	.0390	.0284	.0125	.0003	.4264	2261.1	.4036	.0750	570.3		0	
Phase: 2	Equivalent Mass Results: (Grams/Mile)											
	.0062	**.0046**	**.0020**	**.0001**	**.0684**	**362.4**	**.0647**	**.0120**	**570.3**	**28.1085**	**0**	**6.239**
Phase: 1A												
IDLE	.0005	.0002	.0003	.0001	.0000	10.0			4.7		0	
ACCEL	.0099	.0067	.0043	.0001	.1034	540.4			113.9	10.5552	0	
DECEL	.0060	.0036	.0026	.0001	.0047	76.3			67.0	95.9754	0	

TOTAL	.0161	.0105	.0072	.0003	.1081	626.8			185.6		0	
Phase: 1A	Equivalent Mass Results: (Grams/Mile)											
	.0127	**.0082**	**.0056**	**.0002**	**.0842**	**488.3**			**185.6**	**20.8503**	**0**	**1.284**
Phase: 1B												
IDLE	.0007	.0004	.0003	.0001	.0001	12.9			7.0	.4735	0	
ACCEL	.0056	.0043	.0019	.0001	.1577	329.8			73.2	6.3795	0	
DECEL	.0048	.0030	.0017	.0000	.0394	54.7			54.4	53.8259	0	
TOTAL	.0111	.0077	.0039	.0002	.1972	397.4			134.5		0	
Phase: 1B	Equivalent Mass Results: (Grams/Mile)											
	.0224	**.0155**	**.0079**	**.0004**	**.3971**	**800.0**			**134.5**	**12.7187**	**0**	**.497**
Total Equivalent Mass Results:(Grams/Mile)												
	.0083	**.0058**	**.0029**	**.0001**	**.0913**	**409.7**	**.0854**	**.0169**	**890.4**	**24.8175**	**0**	**8.019**

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMHC+NOX	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00458	.00000	.18664	.00125	637.292	.00328	.1879	.1879	0.00435	15.9743
Phase: 2	.00097	.00000	.07107	.00015	372.018	.00084	.0712	.0712	0.00094	27.3541
CVS Total Mass Results:(Grams/Mile)										
	.00177	**.00000**	**.09673**	**.00040**	**430.913**	**.00138**	**.0971**	**.0971**	**.00170**	**23.6095**

Drive Metrics:

CSI	RMS
-13.398	.305

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,258,520	4,287,830	-0.683	2,864.0	2,852.3	0.412	-1.103	-1.061	-0.836	0.5709
Phase: 2	10,008,300	10,163,100	-1.523	10,041.1	10,035.8	0.053	-1.600	-7.229	-9.238	0.3163
Final:										
	14,266,800	**14,450,900**	**-1.274**	**12,905.1**	**12,888.0**	**0.133**	**-1.424**	**-3.015**	**-4.924**	**0.4344**

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / zdf Date: 08/09/2023 16:46:53

Validator's Comments:

Test Options:

Option	Description
DHFID Hangup value	.005
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.003
MINI DILUTER T/P DILUTION RATIO	9.990
Soak Duration(Hrs)	1
Tailpipe Methane Response Factor	1.066
Bag Methane Response Factor	1.088
DHFID Methane Response Factor	1.089
Threshold	350
CVS K Coeff	638.530
Charging Type	CS
Trace Start Method	Flying
Pre Test Vehicle Temperature	Hot
Actual Driver	Human
CVS Venturi Selection	Medium
DynoGrade Type	None
Special Test Qualifications	None
OBD II Monitor	None Requested
Cert Mode	Y
Road (Var.) Speed Fan required	Y
Rolls Requirement	Y
Wrap Cursor	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
Check Soak Time	Y
Weighted Dilution factor	15.570

Sequence Purpose
US06 Emissions
Req Spcl Inst
Use 8 ft exhaust pipe and Extra cooling.
System Comments
08/09/2023 14:22:15: Current filter for the tailpipe bench is #2. Filter swap strategy: swap
Sampling Type List
None -- None -- DCVS , Diesel Tailpipe / Particulates - Single
Test Request Purpose
T5305PV069 - REDACTED - IUVT Consent Decree Witness Testing 15MY 3.0L DSL WK (RL, PREP, FTP75, HFET, US06)

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