EMISSIONS SUMMARY REPORT

Vehicle ID:	**T4305PV063 / EHD4347**	Test ID:	**T4305PV063_US2XSP020823020101 / 1111547900**		
Test Req:	**082012230083−6**	Location:	CHRYSLER TECH CENTER		
Test Type:	**US06(2X) − using Split Bag US06**	Facility:	**Test Cell 8**	Start Time:	**02/01/2023 12:03:21**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**02/01/2023 12:24:52**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight: (lbs)	5500
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	18.15
Start Odometer:	105643	Fuel Anal.#:	11022	Road Load Coeff B:	.1945
AutoLoad File:	None	INCA Project File:	14MY_WK[REDACTED].exp	Road Load Coeff C:	0.02789
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 WKJP74 BLACK	Emissions Standard:	EPA
Test Req. Purpose:	T4305PV063 − [REDACTED] − IUVT Consent Decree Witness Testing 14MY 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	.0058	.0028	.0060	.0004	.0212	579.8	.0192	.0030	48.4	17.5439		.266
Cycle2	.0032	.0015	.0032	.0002	.0363	457.1	.0353	.0061	133.0	22.2661		1.017
Cycle3	.0024	.0011	.0026	.0020	.0251	360.4	.0246	.0029	581.6	28.2657		6.238
Cycle4	.0105	.0043	.0103	.0046	.1468	770.4	.1276	.0343	82.8	13.2148		.268
Cycle5	.0080	.0044	.0060	.0012	.3859	845.5	.3755	.0601	53.8	12.0278		.218

Modal Test Results:(Grams)

Phase: 1												
IDLE	.0006	.0002	.0007	.0004	.0001	21.6	.0000	.0000	11.3	.0941	0	
ACCEL	.0045	.0028	.0037	.0009	.1419	858.9	.1452	.0182	184.3	9.1017	0	
DECEL	.0042	.0014	.0046	.0005	.0241	129.4	.0119	.0111	122.5	78.8746	0	
TOTAL	.0093	.0044	.0089	.0019	.1661	1009.9	.1571	.0293	318.1		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.0053	**.0025**	**.0050**	**.0011**	**.0939**	**570.9**	**.0888**	**.0166**	**318.1**	**17.8206**	**0**	**1.769**
Phase: 2												
IDLE	.0001	.0000	.0002	.0001	.0000	4.8	.0000	.0000	2.4	.2124	0	
ACCEL	.0053	.0032	.0041	.0020	.0715	1014.1	.0698	.0099	226.9	19.0913	0	
CRUISE	.0059	.0023	.0078	.0078	.0717	995.7	.0708	.0067	251.0	31.2136	0	
DECEL	.0036	.0012	.0041	.0024	.0134	233.4	.0129	.0013	101.3	55.9082	0	
TOTAL	.0149	.0067	.0161	.0123	.1567	2248.0	.1535	.0179	581.6		0	
Phase: 2	Equivalent Mass Results: (Grams/Mile)											
	.0024	**.0011**	**.0026**	**.0020**	**.0251**	**360.4**	**.0246**	**.0029**	**581.6**	**28.2657**	**0**	**6.238**
Phase: 1A												
IDLE	.0003	.0001	.0003	.0001	.0000	9.2			4.6		0	
ACCEL	.0024	.0015	.0019	.0001	.0406	533.0			109.8	10.7225	0	
DECEL	.0021	.0007	.0026	.0001	.0019	76.7			67.1	95.9897	0	

TOTAL	.0048	.0023	.0048	.0004	.0425	619.0			181.4		0	

Phase: 1A Equivalent Mass Results: (Grams/Mile)

	.0037	**.0018**	**.0038**	**.0003**	**.0332**	**482.5**			**181.4**	**21.0674**	**0**	**1.283**

Phase: 1B

IDLE	.0003	.0001	.0004	.0003	.0001	12.4			6.7	.1642	0	
ACCEL	.0021	.0013	.0017	.0008	.1013	325.9			74.5	6.4525	0	
DECEL	.0021	.0007	.0020	.0004	.0221	52.7			55.5	53.8331	0	
TOTAL	.0046	.0021	.0041	.0015	.1235	390.9			136.7		0	

Phase: 1B Equivalent Mass Results: (Grams/Mile)

	.0094	**.0043**	**.0084**	**.0031**	**.2541**	**804.1**			**136.7**	**12.6560**	**0**	**.486**

Total Equivalent Mass Results:(Grams/Mile)

	.0030	**.0014**	**.0031**	**.0018**	**.0403**	**406.9**	**.0388**	**.0059**	**899.7**	**25.0014**	**0**	**8.007**

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMHC+NOX	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00591	.00000	.10421	.00064	624.595	.00228	.1048	.1048	0.00282	16.2811
Phase: 2	.00180	.00000	.02711	.00039	361.987	.00127	.0275	.0275	0.00160	28.1095

CVS Total Mass Results:(Grams/Mile)

	.00271	**.00000**	**.04415**	**.00044**	**420.007**	**.00150**	**.0446**	**.0446**	**.00187**	**24.2278**

Drive Metrics:

CSI	RMS
−19.080	.411

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,217,640	4,273,320	−1.303	2,846.9	2,852.1	−0.184	−1.134	−1.531	−1.516	0.7475
Phase: 2	9,851,080	10,055,400	−2.032	10,037.8	10,035.7	0.022	−2.096	−10.588	−14.036	0.4588
Final:										
	14,068,700	**14,328,700**	**−1.815**	**12,884.7**	**12,887.8**	**−0.024**	**−1.824**	**−4.400**	**−7.609**	**0.5891**

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / mh1294 Date: 02/01/2023 16:18:09

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

Test Options:

Option	Description
DHFID Hangup value	.002
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.003
MINI DILUTER T/P DILUTION RATIO	10.050
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.089
Bag Methane Response Factor	1.103
Soak Duration(Hrs)	24
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
Weighted Dilution factor	16.190

Sequence Purpose
US06 Emissions
Engr. SpclInst
Engineer takes vehicle scan at end of sequence.
Req Spcl Inst
Use 8 ft exhaust pipe and Extra cooling.
Sampling Type List
None −− None −− DCVS , Diesel Tailpipe / Particulates − Single
Test Request Purpose
T4305PV063 − REDACTED − IUVT Consent Decree Witness Testing 14MY 3.0L DSL WK (RL, PREP, FTP75, HFET, US06)
Informational Report Comments
ProcLnch − Initialization failure for INCA! Retry?

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