

EMISSIONS SUMMARY REPORT

Vehicle ID:	T5305PV068 / GQY9593	Test ID:	T5305PV068_US2XSP020823021701 / 1111548048		
Test Req:	082012230166-4	Location:	CHRYSLER TECH CENTER		
Test Type:	US06(2X) – using Split Bag US06	Facility:	Test Cell 8	Start Time:	02/17/2023 11:55:21
Requestor:	REDACTED	Shift Sched.:	AUTO	Trace End:	02/17/2023 12:16:52
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag	Inertia Weight: (lbs)	6000
Operator:	REDACTED	Fuel Type:	MS10756	Road Load Coeff A:	13.25
Start Odometer:	115621	Fuel Anal.#:	11022	Road Load Coeff B:	.1124
AutoLoad File:	None	INCA Project File:	15MY_DS_30L_DSL ^{REDACTED} .exp	Road Load Coeff C:	0.03469
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 DS6H98 GRAY	Emissions Standard:	EPA
Test Req. Purpose:	T5305PV068- ^{REDACTED} – IUVT Consent Decree Witness Testing 15MY 3.0L DSL DS (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	.0038	.0012	.0068	.0004	.0509	606.4	.0470	.0127	52.3	16.7914		.268
Cycle2	.0036	.0019	.0037	.0001	.0412	467.9	.0400	.0058	136.4	21.7426		1.014
Cycle3	.0024	.0009	.0030	.0001	.0133	368.7	.0120	.0031	572.8	27.5763		6.233
Cycle4	.0045	.0011	.0122	.0006	.0325	795.2	.0261	.0083	85.4	12.7996		.276
Cycle5	.0049	.0015	.0079	.0007	.4182	842.2	.4101	.0902	58.1	12.0851		.221

Modal Test Results:(Grams)

Phase: 1												
IDLE	.0004	.0001	.0007	.0002	.0003	24.7	.0000	.0000	13.0	.1234		0
ACCEL	.0039	.0021	.0049	.0002	.1285	885.6	.1381	.0181	201.5	8.9260		0
DECEL	.0026	.0007	.0050	.0001	.0278	132.1	.0128	.0134	117.8	77.0840		0
TOTAL	.0070	.0029	.0107	.0005	.1567	1042.5	.1509	.0315	332.2			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0039	.0016	.0060	.0003	.0881	586.0	.0848	.0177	332.2	17.3645	0	1.779
Phase: 2												
IDLE	.0001	.0000	.0002	.0000	.0000	5.3	.0000	.0000	2.7	.1914		0
ACCEL	.0064	.0032	.0060	.0001	.0742	1038.0	.0686	.0184	244.2	18.5687		0
CRUISE	.0057	.0020	.0082	.0001	.0072	1014.5	.0056	.0007	234.4	30.6495		0
DECEL	.0025	.0005	.0041	.0002	.0017	240.1	.0004	.0001	91.5	54.4143		0
TOTAL	.0148	.0058	.0185	.0005	.0832	2298.0	.0746	.0192	572.8			0
Phase: 2	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0024	.0009	.0030	.0001	.0133	368.7	.0120	.0031	572.8	27.5763	0	6.233
Phase: 1A												
IDLE	.0002	.0000	.0003	.0001	.0001	10.5			5.2			0
ACCEL	.0029	.0017	.0027	.0001	.0529	548.7			121.3	10.4366		0
DECEL	.0016	.0005	.0025	.0001	.0025	78.2			62.1	93.3508		0

Total Test Results										
Phase: 1A	0.0017	0.0022	0.0056	0.0002	0.0554	637.3	188.6			0
<u>Equivalent Mass Results: (Grams/Mile)</u>										
	.0036	.0017	.0044	.0002	.0432	496.9	188.6	20.4740	0	1.283
Phase: 1B										
IDLE	.0002	.0000	.0004	.0001	.0003	14.3	7.7	.2141		0
ACCEL	.0011	.0003	.0022	.0001	.0756	337.0	80.2	6.4649		0
DECEL	.0010	.0003	.0025	.0001	.0253	54.0	55.7	53.2730		0
TOTAL	.0023	.0006	.0051	.0003	.1012	405.2	143.6			0
<u>Equivalent Mass Results: (Grams/Mile)</u>										
	.0047	.0013	.0103	.0006	.2039	816.1	143.6	12.4701	0	.496
Total Equivalent Mass Results:(Grams/Mile)										
	.0027	.0011	.0036	.0001	.0299	416.9	.0281	.0063	905.0	24.4019
									0	8.012

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMHC+NOX	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00611	.00000	.09946	.00054	655.201	.00172	.1000	.1000	0.00219	15.5355
Phase: 2	.00196	.00000	.01590	.00000	384.973	.00138	.0159	.0159	0.00102	26.4305
CVS Total Mass Results:(Grams/Mile)										
	.00288	.00000	.03446	.00012	444.980	.00145	.0346	.0346	.00128	22.8669

Drive Metrics:

CSI	RMS
-15.109	.394

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,573,740	4,604,560	-0.669	2,861.9	2,852.1	0.342	-1.019	-1.165	-0.745	0.6605
Phase: 2	10,704,800	10,945,300	-2.197	10,030.3	10,035.7	-0.054	-2.192	-9.057	-12.001	0.4927
Final:	15,278,500	15,549,800	-1.745	12,892.2	12,887.8	0.034	-1.810	-3.665	-6.223	0.5645

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / wab14 Date: 02/17/2023 14:27:04

Validator's Comments:

Test Options

Emission Summary Report

Test Options:

Option	Description
DHFID Hangup value	.001
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.003
Tailpipe Methane Response Factor	1.066
MINI DILUTER T/P DILUTION RATIO	10.010
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
Mule Vehicle to Park	Y
Abort Test on INCA Failure	Y
Hybrid Test	Y
Abort test on dead battery	Y
SAE Calculations Required	Y
Weighted Dilution factor	15.240

Test Comments

Emission Summary Report

Sequence Purpose

US06 Emissions

Req Spcl Inst

Use 8 ft exhaust pipe and Extra cooling.

Sampling Type List

None --- None --- DCVS , Diesel Tailpipe / Particulates – Single

Test Request Purpose

T5305PV068-^{REDACTE} – IUVT Consent Decree Witness Testing 15MY 3.0L DSL DS (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.