EMISSIONS SUMMARY REPORT

Vehicle ID:	**T4305PV61 / PA3882**	Test ID:	**T4305PV61_EPA75_020822042701 / 1111546037**		
Test Req:	**082012220604−4**	Location:	CHRYSLER TECH CENTER		
Test Type:	**EPA75**	Facility:	**Test Cell 8**	Start Time:	**04/27/2022 10:03:11**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**04/27/2022 10:43:44**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight: (lbs)	6000
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	5.68
Start Odometer:	93655	Fuel Anal.#:	11022	Road Load Coeff B:	.2071
AutoLoad File:	None	INCA Project File:	T4305PV61_14MY_DS_Mast.exp	Road Load Coeff C:	0.03390
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 DS6H98 Deep Cherr	Emissions Standard:	EPA
Test Req. Purpose:	T4305PV61 − Mast − IUVT Consent Decree Witness Testing 14MY 3.0L DSL DS (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	.2632	.1492	.1089	15.3512	.4962	812.4	.5242	.0693	44.8	12.1581		.206
Cycle1	.7261	.4720	.2776	7.2010	.2556	579.6	.2607	.0268	92.1	17.1421		.672
Cycle2	.1827	.1049	.0883	.0357	.1740	456.2	.1735	.0121	194.4	22.2840		1.965
Cycle11	.0535	.0086	.0500	.0060	.0012	320.1	.0001	.0000	150.5	31.7809		1.367
Cycle19	.1752	.0581	.1265	.5966	.0308	439.6	.0304	.0022	80.1	23.0484		.675

Modal Test Results:(Grams)

Phase: 1												
IDLE	.0587	.0457	.0149	.1441	.0197	107.7	.0187	.0004	34.9	93.8667	0	
ACCEL	.1778	.1060	.0884	2.1314	.3018	810.4	.3183	.0186	161.5	12.5024	0	
CRUISE	.4851	.2649	.2073	1.3103	.1105	685.0	.1038	.0074	143.7	14.7776	0	
DECEL	.1482	.1157	.0659	1.3346	.0848	185.4	.0760	.0154	85.1	54.2539	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.1		0	
TOTAL	.8698	.5323	.3765	4.9204	.5168	1788.5	.5168	.0418	425.2		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.2421	**.1482**	**.1048**	**1.3697**	**.1438**	**497.8**	**.1439**	**.0116**	**425.2**	**20.3142**	**0**	**3.592**
Phase: 2												
IDLE	.0095	.0012	.0090	.0021	.0003	116.6	.0000	.0000	38.1	86.9493	0	
ACCEL	.1731	.0278	.1476	.0118	.0041	994.2	.0013	.0000	227.5	10.2314	0	
CRUISE	.0763	.0155	.0701	.0106	.0018	512.2	.0000	.0000	187.4	19.8647	0	
DECEL	.0306	.0083	.0349	.0050	.0013	158.0	.0001	.0000	112.6	64.3575	0	
TOTAL	.2894	.0527	.2616	.0296	.0075	1781.0	.0014	.0000	565.6		0	
Phase: 2	Equivalent Mass Results: (Grams/Mile)											
	.0749	**.0136**	**.0677**	**.0077**	**.0019**	**460.8**	**.0004**	**.0000**	**565.6**	**22.0612**	**0**	**3.865**
Phase: 3												
IDLE	.0050	.0007	.0049	.0030	.0006	74.5	.0000	.0000	29.1	135.6490	0	

ACCEL	.1217	.0370	.0943	1.5747	.0929	727.6	.0991	.0086	157.6	13.9232	0	
CRUISE	.1037	.0261	.0886	.0368	.0165	568.3	.0132	.0018	134.7	17.9028	0	
DECEL	.0143	.0046	.0159	.0544	.0065	124.4	.0043	.0010	96.3	81.9818	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.1	.0000	.0000	.0		0	
TOTAL	.2447	.0684	.2037	1.6689	.1165	1494.9	.1166	.0114	417.8		0	
Phase: 3	Equivalent Mass Results: (Grams/Mile)											
	.0682	**.0191**	**.0568**	**.4651**	**.0325**	**416.6**	**.0325**	**.0032**	**417.8**	**24.3467**	**0**	**3.589**
Weighted Total Equivalent Mass Results:(Grams/Mile)												
	.1077	**.0430**	**.0724**	**.4153**	**.0397**	**456.3**	**.0389**	**.0033**	**1408.7**	**22.2664**	**0**	**11.046**

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.22850	1.37502	.14151	.14477	478.049	.10008	.2863	0.24025	21.1586
Phase: 2	.07002	.00000	.00120	.01582	440.975	.06205	.0170	0.07502	23.0620
Phase: 3	.06380	.48302	.03206	.01904	398.647	.05173	.0511	0.06839	25.4415
CVS Weighted Mass Results:(Grams/Mile)									
	.10114	**.41738**	**.03873**	**.04341**	**437.038**	**.06709**	**.0821**	**.10743**	**23.2325**

Drive Metrics:

CSI	RMS
−7.743	.316

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,671,080	4,733,550	−1.320	5,781.0	5,779.2	0.030	−1.367	−3.465	−4.980	0.3721
Phase: 2	4,281,360	4,273,030	0.195	6,219.7	6,211.7	0.128	0.066	−0.438	−0.404	0.3471
Phase: 3	4,662,230	4,734,060	−1.517	5,775.7	5,779.2	−0.061	−1.478	−2.442	−3.885	0.3388
Final (Weighted):										
	8,947,400	**9,006,870**	**−0.660**	**11,997.7**	**11,991.0**	**0.056**	**−0.721**	**−1.815**	**−2.271**	**0.3096**

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / mh1294 Date: 04/28/2022 08:44:26

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

Test Options:

Option	Description
DHFID Hangup value	.023
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.004
MINI DILUTER T/P DILUTION RATIO	10.330
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.089
Bag Methane Response Factor	1.102
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
Weighted Dilution factor	14.440

Sequence Purpose

cFTP75 Emissions

Engr. SpclInst

Engineer needs to collect DiagRA data at the end of phases 2 and 3.

Sampling Type List

DCVS , Diesel Tailpipe / Particulates − Multiple

Test Request Purpose

T4305PV61 − Mast − IUVT Consent Decree Witness Testing 14MY 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.