

EMISSIONS SUMMARY REPORT

Vehicle ID:	T4305PV066 / 8PFZ66	Test ID:	T4305PV066_EPA75_020823112901 / 1111549985
Test Req:	082012231372-3	Location:	CHRYSLER TECH CENTER
Test Type:	EPA75	Facility:	Test Cell 8
Requestor:	REDACTED	Shift Sched.:	AUTO
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag
Operator:	REDACTED	Fuel Type:	MS10756
Start Odometer:	117162	Fuel Anal.#:	11022
AutoLoad File:	None	INCA Project File:	REDACTED_14MY_DS_4WD_Diesel.exp
Cell Temp Set Pt (F):	75	Altitude Set Pt(ft.):	930
Test Segment:	1/1	Vehicle Desc.:	0.00 DS BLACK
Test Req. Purpose:	T4305PV066 - REDACTED - 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	.3318	.1826	.1456	13.4960	.5835	769.2	.6052	.0948	45.6	12.8602		.208
Cycle1	.6190	.3118	.3320	5.8841	.3153	584.0	.3147	.0392	94.7	17.0964		.674
Cycle2	.0946	.0329	.0701	.0070	.1597	452.7	.1584	.0146	208.8	22.4475		1.964
Cycle11	.0532	.0070	.0507	.0004	.0004	309.3	.0000	.0000	131.9	32.9136		1.368
Cycle19	.1784	.0170	.1756	.0337	.0201	424.3	.0206	.0016	76.5	23.9650		.675

Modal Test Results:(Grams)

Phase: 1												
IDLE	.0291	.0152	.0151	.0811	.0187	100.2	.0178	.0004	34.5	101.5372		0
ACCEL	.1113	.0447	.0725	1.7416	.2929	760.5	.3161	.0246	165.0	13.3351		0
CRUISE	.3919	.1681	.2289	.9806	.1278	719.0	.1199	.0089	153.4	14.0982		0
DECEL	.0945	.0536	.0651	1.1778	.0896	187.1	.0711	.0212	89.5	53.7969		0
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.1			0
TOTAL	.6268	.2816	.3816	3.9811	.5291	1766.8	.5249	.0551	442.6			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.1741	.0782	.1060	1.1060	.1470	490.9	.1458	.0153	442.6	20.6282	0	3.599
Phase: 2												
IDLE	.0100	.0014	.0092	.0003	.0001	105.6	.0000	.0000	38.2	95.9696		0
ACCEL	.1524	.0211	.1313	.0005	.0021	938.4	.0005	.0000	219.8	10.8429		0
CRUISE	.0970	.0138	.0940	.0010	.0008	520.0	.0000	.0000	171.9	19.5573		0
DECEL	.0354	.0063	.0409	.0006	.0007	160.2	.0000	.0000	107.5	63.5548		0
TOTAL	.2947	.0426	.2754	.0025	.0037	1724.2	.0005	.0000	537.4			0
Phase: 2	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0761	.0110	.0711	.0006	.0009	445.4	.0001	.0000	537.4	22.8546	0	3.871
Phase: 3												
IDLE	.0051	.0010	.0048	.0009	.0003	64.7	.0000	.0000	28.8	156.5130		0

Mode	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG		
Modal Test Results	.0982	.0146	.0615	680.6	.0645	.0091	151.7	14.9350	0		
CRUISE	.0927	.0102	.0926	.0012	.0084	564.8	.0068	.0010	132.2	18.0009	0
DECEL	.0262	.0043	.0313	.0100	.0035	128.5	.0023	.0006	89.0	78.8224	0
CRANK	.0000	.0000	.0000	.0000	.0000	.1	.0000	.0000	.0		0
TOTAL	.2266	.0256	.2270	.0267	.0737	1438.8	.0736	.0107	401.7		0
Phase: 3 <u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0631	.0071	.0632	.0074	.0205	400.9	.0205	.0030	401.7	25.3625	0 3.589
Weighted Total Equivalent Mass Results:(Grams/Mile)											
	.0929	.0239	.0762	.2315	.0366	442.6	.0359	.0040	1381.7	22.9363	0 11.059

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.16699	1.18997	.15086	.07215	489.490	.09900	.2230	0.16626	20.7080
Phase: 2	.06794	.00000	.00051	.01119	441.617	.06003	.0117	0.06827	23.0110
Phase: 3	.05661	.00000	.02212	.00760	394.612	.05294	.0297	0.05793	25.7496
CVS Weighted Mass Results: (Grams/Mile)									
	.08536	.24655	.03759	.02283	438.645	.06616	.0604	.08574	23.1445

Drive Metrics:

CSI	RMS
-5.192	.338

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,513,800	4,547,260	-0.736	5,793.2	5,779.3	0.240	-0.983	-3.170	-4.713	0.4254
Phase: 2	4,082,500	4,051,500	0.765	6,229.1	6,211.1	0.289	0.473	-0.197	0.134	0.3715
Phase: 3	4,502,930	4,547,290	-0.976	5,775.7	5,780.2	-0.077	-0.907	-2.104	-3.136	0.3313
Final (Weighted):										
	8,590,100	8,598,780	-0.101	12,012.3	11,991.0	0.178	-0.279	-1.534	-1.731	0.3314

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / mh1294 Date: 11/29/2023 13:27:55

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

Test Options:

Option	Description
DHFID Hangup value	.021
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.003
MINI DILUTER T/P DILUTION RATIO	9.870
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.089
Bag Methane Response Factor	1.098
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	13.980

Sequence Purpose

cFTP75 Emissions

Engr. SpclInst

Engineer needs to collect Diagra Data during soak period and at the end of drive cycle.

System Comments

11/29/2023 10:37:52: Current filter for the tailpipe bench is #1. Filter swap strategy: swap

Sampling Type List

DCVS , Diesel Tailpipe / Particulates - Multiple

Test Request Purpose

T4305PV066 - ^{REDACTED} - 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.