

EMISSIONS SUMMARY REPORT

Vehicle ID:	T5305PV66 / JJT28680	Test ID:	T5305PV66_EPA75_020822040801 / 1111545933
Test Req:	082012220528-1	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:	80415	Fuel Anal.#:	11022
AutoLoad File:	None	INCA Project File:	T5305PV66_15WK_Bach.exp
Cell Temp Set Pt (F):	75	Altitude Set Pt(ft.):	930
Test Segment:	1/1	Vehicle Desc.:	0.00 WKJS74 Brilliant
Test Req. Purpose:	T5305PV66 – Bach – IUVT Consent Decree Witness Testing 15MY 3.0L DSL WK (RL, PREP, FTP75, HWFET, US06)		
Seq. Purpose:	cFTP75 Emissions		

	Individual Cycles:(Grams/Mile)			Tailpipe:								DM	Miles
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG			
Time-63	.2562	.1776	.0756	9.8823	.5032	802.8	.4985	.0755	45.2	12.4196		.205	
Cycle1	.6035	.4720	.1414	7.4671	.2856	573.1	.2806	.0299	97.6	17.3455		.672	
Cycle2	.2554	.1952	.0670	.1174	.2086	431.2	.2041	.0178	193.2	23.5553		1.964	
Cycle11	.1957	.0203	.1914	.0041	.0021	280.6	.0015	.0000	94.0	36.1329		1.361	
Cycle19	.2940	.0352	.2811	.0180	.0482	400.3	.0471	.0042	63.5	25.3784		.673	

Modal Test Results:(Grams)

Phase: 1												
IDLE	.0685	.0485	.0208	.2830	.0181	104.5	.0172	.0002	33.1	97.2314		0
ACCEL	.2419	.1850	.0623	1.2432	.3830	768.7	.3951	.0274	153.6	13.1860		0
CRUISE	.4949	.3572	.1276	2.8458	.1493	673.3	.1409	.0107	143.6	14.9854		0
DECEL	.1474	.1422	.0309	.8943	.0573	142.7	.0397	.0167	99.0	70.2436		0
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.1			0
TOTAL	.9527	.7330	.2416	5.2664	.6077	1689.2	.5929	.0550	429.6			0

Phase: 1 Equivalent Mass Results: (Grams/Mile)
.2649 .2038 .0672 1.4644 .1690 469.7 .1649 .0153 429.6 21.5072 0 3.596

Phase: 2												
IDLE	.0104	.0032	.0075	.0033	.0001	99.7	.0000	.0000	36.6	101.7260		0
ACCEL	.3016	.0390	.2711	.0919	.0059	874.1	.0039	.0000	181.5	11.6282		0
CRUISE	.2088	.0281	.1997	.0086	.0012	440.9	.0000	.0000	120.3	23.0390		0
DECEL	.0418	.0128	.0429	.0101	.0005	122.6	.0000	.0000	88.0	82.6302		0
TOTAL	.5626	.0831	.5211	.1140	.0077	1537.3	.0039	.0000	426.3			0

Phase: 2 Equivalent Mass Results: (Grams/Mile)
.1454 .0215 .1347 .0295 .0020 397.4 .0010 .0000 426.3 25.5991 0 3.868

Phase: 3												
IDLE	.0052	.0008	.0050	.0032	.0009	61.5	.0005	.0000	25.2	166.7734		0

Modal Test Results											
CRUISE	.1890	.0216	.1761	.0154	.0139	513.6	.0118	.0012	116.0	19.7731	0
DECEL	.0329	.0088	.0379	.0084	.0068	106.9	.0048	.0016	85.0	94.9943	0
CRANK	.0000	.0000	.0000	.0000	.0000	.1	.0000	.0000	.0		0
TOTAL	.3636	.0541	.3543	.1794	.1286	1351.2	.1178	.0199	358.5		0
Phase: 3 <u>Equivalent Mass Results: (Grams/Mile)</u>											
	.1014	.0151	.0988	.0500	.0359	376.7	.0328	.0055	358.5	26.9630	0 3.587
Weighted Total Equivalent Mass Results:(Grams/Mile)											
	.1581	.0575	.1109	.3324	.0459	406.7	.0437	.0047	1214.4	24.9395	0 11.052

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.26226	1.46457	.16828	.22197	468.511	.06384	.3903	0.28287	21.5502
Phase: 2	.13642	.02136	.00172	.01139	386.444	.13014	.0131	0.13561	26.3307
Phase: 3	.10293	.04910	.03795	.01231	369.199	.09730	.0503	0.10516	27.5460
CVS Weighted Mass Results:(Grams/Mile)									
	.15331	.32794	.04616	.05527	398.715	.10740	.1014	.15776	25.4383

Drive Metrics:

CSI	RMS
-11.839	.360

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,519,610	4,555,770	-0.794	5,789.3	5,779.3	0.174	-0.975	-2.619	-3.897	0.3998
Phase: 2	4,182,890	4,207,440	-0.584	6,226.8	6,211.0	0.255	-0.843	-1.167	-1.040	0.4008
Phase: 3	4,515,180	4,556,190	-0.900	5,771.5	5,779.7	-0.142	-0.764	-2.860	-4.376	0.4068
Final (Weighted):										
	8,699,970	8,763,450	-0.724	12,006.0	11,990.5	0.129	-0.859	-2.029	-2.519	0.3532

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / zdf Date: 04/08/2022 16:28:35

Validator's Comments:

Test Options

Emission Summary Report

Test Options:

Option	Description
DHFID Hangup value	.031
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.004
MINI DILUTER T/P DILUTION RATIO	10.310
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.089
Bag Methane Response Factor	1.102
Soak Duration(Hrs)	23
Threshold	350
CVS K Coeff	278.855
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	15.020

Sequence Purpose

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Test Comments

Emission Summary Report

cFTP75 Emissions

Sampling Type List

DCVS , Diesel Tailpipe / Particulates – Multiple

Test Request Purpose

T5305PV66 – Bach – IUVT Consent Decree Witness Testing 15MY 3.0L DSL WK (RL, PREP, FTP75, HWFET, US06)

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