

EMISSIONS SUMMARY REPORT

Vehicle ID:	T5305PV66 / JJT28680	Test ID:	T5305PV66_US2XSP020822040801 / 1111545935
Test Req:	082012220528-3	Location:	CHRYSLER TECH CENTER
Test Type:	US06(2X) – using Split Bag US06	Facility:	Test Cell 8
Requestor:	REDACTED	Shift Sched.:	AUTO
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag
Operator:	REDACTED	Fuel Type:	MS10756
Start Odometer:	80447	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:	3/3	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:	US06 Emissions		

Individual Cycles:(Grams/Mile)	Tailpipe:											
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.0065	.0022	.0078	.0094	.1492	603.5	.1328	.0299	47.4	16.8463		.268
Cycle2	.0038	.0016	.0047	.0202	.1879	474.2	.1864	.0201	131.6	21.4660		1.017
Cycle3	.0017	.0008	.0026	.0070	.1131	364.8	.1103	.0139	559.3	27.8773		6.237
Cycle4	.0102	.0036	.0136	.0204	.4288	835.9	.3917	.0831	80.2	12.1711		.276
Cycle5	.0201	.0074	.0179	.0126	1.1580	798.8	1.0864	.2865	53.4	12.7344		.224

Modal Test Results:(Grams)

Phase: 1												
IDLE	.0006	.0001	.0008	.0012	.0004	22.1	.0000	.0000	11.4	.3217		0
ACCEL	.0081	.0030	.0081	.0245	.4858	890.3	.5180	.0527	182.6	8.8866		0
DECEL	.0043	.0017	.0058	.0059	.1231	141.4	.0590	.0629	118.7	72.6697		0
TOTAL	.0130	.0048	.0147	.0315	.6093	1053.8	.5770	.1156	312.7			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0073	.0027	.0082	.0177	.3412	590.2	.3232	.0647	312.7	17.2456	0	1.785
Phase: 2												
IDLE	.0001	.0000	.0002	.0003	.0000	5.0	.0000	.0000	2.4	.2051		0
ACCEL	.0041	.0020	.0055	.0136	.4356	1037.4	.4246	.0592	219.7	18.6363		0
CRUISE	.0043	.0019	.0065	.0218	.2241	999.5	.2233	.0208	238.7	31.1169		0
DECEL	.0023	.0007	.0037	.0078	.0454	233.4	.0403	.0069	98.5	55.9043		0
TOTAL	.0109	.0047	.0160	.0434	.7052	2275.3	.6882	.0869	559.3			0
Phase: 2	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0017	.0008	.0026	.0070	.1131	364.8	.1103	.0139	559.3	27.8773	0	6.237
Phase: 1A												
IDLE	.0002	.0000	.0003	.0004	.0000	9.9			4.5			0
ACCEL	.0036	.0015	.0039	.0198	.2172	554.4			110.0	10.3828		0
DECEL	.0019	.0006	.0026	.0029	.0140	79.9			64.5	91.6662		0

Total Test Results										
Phase: 1A	0.0022	0.0069	0.0231	0.2312	644.1		179.0			0
<u>Equivalent Mass Results: (Grams/Mile)</u>										
	.0044	.0017	.0054	.0180	.1799	501.1	179.0	20.3092	0	1.285
Phase: 1B										
IDLE	.0004	.0001	.0004	.0008	.0003	12.3	6.9	.5799		0
ACCEL	.0045	.0014	.0042	.0047	.2686	336.0	72.6	6.4197		0
DECEL	.0024	.0011	.0031	.0030	.1091	61.5	54.2	47.5415		0
TOTAL	.0073	.0027	.0078	.0085	.3781	409.7	133.7			0
<u>Equivalent Mass Results: (Grams/Mile)</u>										
	.0147	.0053	.0155	.0169	.7560	819.3	133.7	12.4235	0	.500
Total Equivalent Mass Results:(Grams/Mile)										
	.0030	.0012	.0038	.0093	.1638	415.0	.1577	.0252	872.0	24.5186
									0	8.023

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMHC+NOX	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00861	.00880	.35660	.00239	617.553	.00588	.3590	.3590	0.00799	16.4646
Phase: 2	.00162	.00000	.11425	.00138	363.766	.00095	.1156	.1156	0.00229	27.9551
CVS Total Mass Results:(Grams/Mile)										
	.00317	.00196	.16818	.00161	420.245	.00205	.1698	.1698	.00356	24.2274

Drive Metrics:

CSI	RMS
-16.646	.337

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,250,760	4,288,070	-0.870	2,873.3	2,852.1	0.743	-1.627	-1.239	-1.004	0.6697
Phase: 2	9,961,330	10,164,000	-1.994	10,038.9	10,035.6	0.033	-2.067	-9.272	-12.139	0.3028
Final:	14,212,100	14,452,000	-1.660	12,912.2	12,887.8	0.190	-1.881	-3.784	-6.424	0.4814

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / zdf Date: 04/08/2022 16:33:24

Validator's Comments:

Test Options

Emission Summary Report

Test Options:

Option	Description
DHFID Hangup value	.004
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.004
MINI DILUTER T/P DILUTION RATIO	10.320
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.089
Bag Methane Response Factor	1.102
Soak Duration(Hrs)	25
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	16.040

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

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.