

EMISSIONS SUMMARY REPORT

Vehicle ID: **T5305PV57 / GRW2758** Test ID: **T5305PV57_EPA75_020821031601 / 1111541933**
 Test Req: **082012210408-4** Location: **CHRYSLER TECH CENTER**
 Test Type: **EPA75** Facility: **Test Cell 8** Start Time: **03/16/2021 10:15:09**
 Requestor: **REDACTED** Shift Sched.: **AUTO** Trace End: **03/16/2021 10:55:51**
 Driver: **REDACTED** Option(s): **Tailpipe modal & Bag** Inertia Weight: (lbs) **5500**
 Operator: **REDACTED** Fuel Type: **MS10756** Road Load Coeff A: **3.42**
 Start Odometer: **100699** Fuel Anal.#: **10958** Road Load Coeff B: **.2013**
 AutoLoad File: **None** INCA Project File: **T5305PV57_15DS30_ML.exp** Road Load Coeff C: **0.03464**
 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 DS DARK RED** Emissions Standard: **EPA**
 Test Req. Purpose: **T5305PV57 - REDACTED - IUVT Consent Decree 15MY 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	.2384	.1523	.0898	11.7698	.7046	828.4	.7212	.0678	43.6	12.0104		.207	
Cycle1	.4237	.2991	.1360	7.5908	.3416	547.9	.3452	.0269	92.1	18.1299		.676	
Cycle2	.1884	.0982	.0937	.0751	.2203	451.4	.2120	.0182	194.7	22.5267		1.964	
Cycle11	.0721	.0139	.0643	.0110	.0007	285.2	.0000	.0000	116.9	35.6741		1.364	
Cycle19	.1697	.0524	.1298	.2770	.0572	406.0	.0555	.0055	81.1	25.0033		.672	

Modal Test Results:(Grams)

Phase:	IDLE	ACCEL	CRUISE	DECEL	CRANK	TOTAL
Phase: 1	.0368	.1731	.3826	.0827	.0000	.6752
	.0255	.0896	.2147	.0707	.0000	.4005
	.0135	.0699	.1847	.0254	.0000	.2936
	.1325	1.7932	2.5438	.8274	.0000	5.2970
	.0239	.3832	.1677	.0909	.0000	.6657
	109.0	789.9	681.8	125.4	.0	1706.2
	.0230	.3841	.1617	.0812	.0000	.6500
	.0003	.0299	.0125	.0113	.0000	.0540
	34.0	160.8	145.5	85.3	.1	425.7
	93.0815	12.8262	14.8075	80.3984		
	0	0	0	0	0	0

Phase: 1 Equivalent Mass Results: (Grams/Mile)
.1878 .1114 .0816 1.4731 .1851 474.5 .1808 .0150 425.7 21.3372 0 3.596

Phase:	IDLE	ACCEL	CRUISE	DECEL	TOTAL
Phase: 2	.0090	.2514	.1205	.0240	.4049
	.0005	.0551	.0279	.0079	.0914
	.0104	.2069	.1048	.0206	.3487
	.0050	.0425	.0010	.0009	.0797
	.0002	908.2	455.1	87.1	1564.2
	.0000	.0005	.0000	.0000	.0005
	113.7	211.8	150.3	110.6	508.9
	.0000	.0000	.0000	.0000	.0000
	36.2	11.1963	22.3442	116.8401	
	89.2393	0	0	0	0

Phase: 2 Equivalent Mass Results: (Grams/Mile)
.1048 .0237 .0903 .0206 .0014 404.8 .0001 .0000 508.9 25.1029 0 3.864

Phase:	IDLE	ACCEL	CRUISE
Phase: 3	.0039	.1131	.1470
	.0004	.0241	.0250
	.0058	.0912	.1418
	.0067	.2592	.0223
	.0013	.1502	.0412
	67.8	659.2	540.1
	.0000	.1450	.0383
	.0000	.0170	.0038
	29.6	144.8	131.2
	149.5820	15.4234	18.8268
	0	0	0

Modal Test Results												
HC	.0179	.0220	.0613	.0060	88.1	.0038	.0016	93.7	115.4358	0		
CRANK	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0		0		
TOTAL	.2819	.0574	.2607	.3494	.1987	1355.2	.1871	.0224	399.3	0		
Phase: 3 <u>Equivalent Mass Results: (Grams/Mile)</u>												
	.0787	.0160	.0728	.0975	.0555	378.3	.0522	.0063	399.3	26.8912	0	3.582
Weighted Total Equivalent Mass Results:(Grams/Mile)												
	.1148	.0398	.0837	.3428	.0543	412.0	.0519	.0048	1333.9	24.6448	0	11.042

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.18440	1.48056	.18460	.11680	474.379	.07170	.3014	0.18517	21.3369
Phase: 2	.10828	.01110	.00098	.03202	420.038	.07583	.0330	0.10436	24.2082
Phase: 3	.08581	.10675	.05692	.02628	382.243	.06131	.0832	0.08475	26.6075
CVS Weighted Mass Results:(Grams/Mile)									
	.11790	.34191	.05438	.04802	420.937	.07099	.1024	.11573	24.1189

Drive Metrics:

CSI	RMS
-.478	.298

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,476,280	4,479,580	-0.074	5,786.8	5,779.3	0.129	-0.203	-1.727	-2.736	0.3461
Phase: 2	3,967,920	3,980,050	-0.305	6,216.8	6,211.3	0.089	-0.395	0.053	-0.049	0.3232
Phase: 3	4,442,040	4,479,950	-0.846	5,764.7	5,779.3	-0.252	-0.599	-1.694	-3.133	0.3270
Final (Weighted):										
	8,424,680	8,459,840	-0.416	11,991.0	11,990.6	0.004	-0.421	-0.913	-1.425	0.2903

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / vp693 Date: 03/16/2021 19:29:12

Validator's Comments:

Test Options:

Option	Description
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0

Test Options

Emission Summary Report

Background Particles for PN	.000
Background Particulates (PM)	.000
MINI DILUTER T/P DILUTION RATIO	9.080
DHFID Hangup value	.000
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.087
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
Abort test on dead battery	Y
Abort Test on INCA Failure	Y
Augmented Braking	Y
Cert Mode	Y
DbW Available	Y
Diesel Test	Y
Hybrid Test	Y
Inca Requirement	Y
Mule Vehicle to Park	Y
Road (Var.) Speed Fan required	Y
Rolls Requirement	Y
SAE Calculations Required	Y
Weighted Dilution factor	14.940

Sequence Purpose

cFTP75 Emissions

Engr. SpclInst

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

Req Spcl Inst

Connect DCAN Cable – Automatically setting ROLLS MODE!

Sampling Type List

DCVS , Diesel Tailpipe / Particulates – Multiple

Test Request Purpose

T5305PV57 – **REDACTED** – IUVT Consent Decree 15MY 3.0L DSL DS (RL, PREP, FTP75, HFET, US06)

Test Comments

Emission Summary Report

Informational Report Comments

ProcLnch – Initialization failure for INCA! Retry?

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