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_MI.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: 1												
IDLE	.0368	.0255	.0135	.1325	.0239	109.0	.0230	.0003	34.0	93.0815	0	
ACCEL	.1731	.0896	.0699	1.7932	.3832	789.9	.3841	.0299	160.8	12.8262	0	
CRUISE	.3826	.2147	.1847	2.5438	.1677	681.8	.1617	.0125	145.5	14.8075	0	
DECEL	.0827	.0707	.0254	.8274	.0909	125.4	.0812	.0113	85.3	80.3984	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.1		0	
TOTAL	.6752	.4005	.2936	5.2970	.6657	1706.2	.6500	.0540	425.7		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: 2												
IDLE	.0090	.0005	.0104	.0050	.0002	113.7	.0000	.0000	36.2	89.2393	0	
ACCEL	.2514	.0551	.2069	.0425	.0032	908.2	.0005	.0000	211.8	11.1963	0	
CRUISE	.1205	.0279	.1048	.0206	.0010	455.1	.0000	.0000	150.3	22.3442	0	
DECEL	.0240	.0079	.0266	.0117	.0009	87.1	.0000	.0000	110.6	116.8401	0	
TOTAL	.4049	.0914	.3487	.0797	.0053	1564.2	.0005	.0000	508.9		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: 3												
IDLE	.0039	.0004	.0058	.0067	.0013	67.8	.0000	.0000	29.6	149.5820	0	
ACCEL	.1131	.0241	.0912	.2592	.1502	659.2	.1450	.0170	144.8	15.4234	0	
CRUISE	.1470	.0250	.1418	.0223	.0412	540.1	.0383	.0038	131.2	18.8268	0	

DECEL	.0179	.0079	.0220	.0613	.0060	88.1	.0038	.0016	93.7	115.4358	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0		0	
TOTAL	.2819	.0574	.2607	.3494	.1987	1355.2	.1871	.0224	399.3		0	
Phase: 3	Equivalent Mass Results: (Grams/Mile)											
	.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

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)

Informational Report Comments
ProcLnch − Initialization failure for INCA! Retry?

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