EMISSIONS SUMMARY REPORT

Vehicle ID:	**T4305PV065 / DPK2244**	Test ID:	**T4305PV065_EPA75_020823032901 / 1111548379**		
Test Req:	**082012230338−4**	Location:	CHRYSLER TECH CENTER		
Test Type:	**EPA75**	Facility:	**Test Cell 8**	Start Time:	**03/29/2023 10:18:02**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**03/29/2023 10:59:24**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight: (lbs)	6000
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	10.82
Start Odometer:	113744	Fuel Anal.#:	11022	Road Load Coeff B:	.2303
AutoLoad File:	None	INCA Project File:	REDACTED_14MY_DS_3.0L_DSL.exp	Road Load Coeff C:	0.03426
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 DS6H98 BLACK	Emissions Standard:	EPA
Test Req. Purpose:	T4305PV065 − 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	.3120	.2010	.1358	17.5468	1.1191	924.6	1.0605	.1905	49.5	10.6713		.213
Cycle1	1.1771	.8853	.3042	9.8145	.5286	666.9	.5045	.0735	100.6	14.8303		.671
Cycle2	.2708	.2342	.0451	.0374	.1972	477.8	.1871	.0180	214.1	21.2473		1.960
Cycle11	.0637	.0245	.0436	.0044	.0035	344.4	.0018	.0002	144.4	29.5634		1.362
Cycle19	.2043	.0719	.1475	.8200	.0556	438.8	.0546	.0039	83.0	23.0778		.674

Modal Test Results:(Grams)

Phase: 1												
IDLE	.1026	.0709	.0343	.1015	.0209	136.2	.0198	.0004	34.0	74.5570	0	
ACCEL	.3009	.2559	.0543	2.8541	.5065	872.4	.4866	.0588	179.4	11.5973	0	
CRUISE	.8566	.6630	.1913	2.7714	.1574	761.3	.1496	.0127	165.3	13.2485	0	
DECEL	.1182	.1081	.0270	.9438	.0639	165.1	.0543	.0129	89.2	60.9873	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0		0	
TOTAL	1.3783	1.0978	.3069	6.6708	.7487	1935.0	.7103	.0848	467.9		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.3841	**.3060**	**.0855**	**1.8592**	**.2087**	**539.3**	**.1980**	**.0236**	**467.9**	**18.7351**	**0**	**3.588**
Phase: 2												
IDLE	.0161	.0072	.0093	.0030	.0002	155.6	.0000	.0000	41.9	65.2084	0	
ACCEL	.1693	.0648	.1103	.0128	.0129	1076.6	.0089	.0013	248.8	9.4435	0	
CRUISE	.0818	.0418	.0455	.0094	.0034	555.2	.0000	.0000	190.6	18.3257	0	
DECEL	.0343	.0218	.0176	.0048	.0013	145.2	.0001	.0000	112.3	70.1259	0	
TOTAL	.3015	.1355	.1828	.0299	.0177	1932.6	.0090	.0013	593.6		0	
Phase: 2	Equivalent Mass Results: (Grams/Mile)											
	.0779	**.0350**	**.0472**	**.0077**	**.0046**	**499.5**	**.0023**	**.0003**	**593.6**	**20.3817**	**0**	**3.869**
Phase: 3												
IDLE	.0083	.0037	.0049	.0045	.0023	78.3	.0022	.0000	30.7	130.4169	0	

ACCEL	.1114	.0457	.0724	.6301	.1541	734.4	.1529	.0170	159.8	13.8382	0	
CRUISE	.1077	.0380	.0764	.0267	.0358	575.2	.0306	.0051	144.6	17.6851	0	
DECEL	.0249	.0160	.0145	.1299	.0088	122.0	.0065	.0013	97.0	83.2150	0	
TOTAL	.2523	.1034	.1683	.7911	.2009	1510.0	.1922	.0234	432.1		0	
Phase: 3	Equivalent Mass Results: (Grams/Mile)											
	.0703	**.0288**	**.0469**	**.2204**	**.0560**	**420.7**	**.0535**	**.0065**	**432.1**	**24.1381**	**0**	**3.589**
Weighted Total Equivalent Mass Results:(Grams/Mile)												
	.1392	**.0894**	**.0551**	**.4491**	**.0609**	**486.1**	**.0569**	**.0069**	**1493.5**	**20.8886**	**0**	**11.047**

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.36618	2.06430	.21921	.32220	543.395	.08591	.5414	0.40424	18.5853
Phase: 2	.06049	.00000	.00436	.01379	497.585	.04423	.0182	0.05604	20.4261
Phase: 3	.05945	.22172	.05803	.01652	423.174	.04526	.0746	0.05973	24.0259
CVS Weighted Mass Results:(Grams/Mile)									
	.12345	**.48791**	**.06353**	**.07835**	**486.650**	**.05314**	**.1419**	**.12909**	**20.8444**

Drive Metrics:

CSI	RMS
18.571	.293

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,780,010	4,734,710	0.957	5,773.8	5,780.4	−0.113	1.060	0.924	1.385	0.3645
Phase: 2	4,390,730	4,273,320	2.748	6,225.1	6,211.0	0.226	2.454	1.875	3.288	0.3316
Phase: 3	4,763,190	4,734,440	0.607	5,777.1	5,779.3	−0.038	0.641	0.621	0.868	0.2711
Final (Weighted):										
	9,161,160	**9,007,870**	**1.702**	**12,000.8**	**11,990.8**	**0.083**	**1.591**	**1.270**	**2.250**	**0.2841**

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / mh1294 Date: 03/29/2023 14:13:49

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

Test Options:

Option	Description
Constant Grade	.000
DHFID Hangup value	.032
Gain	.650
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.003
MINI DILUTER T/P DILUTION RATIO	10.000
DHFID Methane Response Factor	1.089
Tailpipe Methane Response Factor	1.066
Bag Methane Response Factor	1.103
Soak Duration(Hrs)	23
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
Weighted Dilution factor	12.830

Sequence Purpose
cFTP75 Emissions
Engr. SpclInst

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

Sampling Type List

DCVS , Diesel Tailpipe / Particulates − Multiple

Test Request Purpose

T4305PV065 − 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.