

EMISSIONS SUMMARY REPORT

Vehicle ID:	T4305PV063 / EHD4347	Test ID:	T4305PV063_EPA75_020823020101 / 1111547898		
Test Req:	082012230083-4	Location:	CHRYSLER TECH CENTER		
Test Type:	EPA75	Facility:	Test Cell 8	Start Time:	02/01/2023 10:01:57
Requestor:	REDACTED	Shift Sched.:	AUTO	Trace End:	02/01/2023 10:42:37
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag	Inertia Weight: (lbs)	5500
Operator:	REDACTED	Fuel Type:	MS10756	Road Load Coeff A:	18.15
Start Odometer:	105611	Fuel Anal.#:	11022	Road Load Coeff B:	.1945
AutoLoad File:	None	INCA Project File:	14MY_WK_ ^{REDACTED} .exp	Road Load Coeff C:	0.02789
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 WKJP74 BLACK	Emissions Standard:	EPA
Test Req. Purpose:	T4305PV063 – ^{REDACTED} – IUVT Consent Decree Witness Testing 14MY 3.0L DSL WK (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	.1952	.1212	.0697	9.9851	.5152	770.4	.5266	.0513	48.0	12.9411		.216
Cycle1	.5220	.4147	.1145	8.8153	.3089	548.5	.3091	.0233	100.4	18.0258		.674
Cycle2	.2138	.1746	.0444	.1339	.2073	422.7	.2022	.0138	192.5	24.0062		1.959
Cycle11	.1202	.0225	.1072	.0018	.0024	307.8	.0010	.0000	133.0	32.9976		1.359
Cycle19	.1840	.0352	.1647	.1475	.0302	381.9	.0272	.0022	70.6	26.5813		.674

Modal Test Results:(Grams)												
Phase: 1												
IDLE	.0435	.0313	.0127	.2100	.0218	93.6	.0208	.0000	32.9	107.7190		0
ACCEL	.2078	.1682	.0435	1.3551	.3526	769.4	.3553	.0212	161.6	13.1846		0
CRUISE	.4533	.3491	.1016	3.6795	.1692	649.1	.1614	.0105	144.9	15.5067		0
DECEL	.1150	.1074	.0230	.9700	.0819	140.3	.0740	.0111	91.4	71.7168		0
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0			0
TOTAL	.8196	.6559	.1807	6.2147	.6255	1652.4	.6115	.0428	430.8			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.2280	.1824	.0503	1.7287	.1740	459.7	.1701	.0119	430.8	21.9571	0	3.595
Phase: 2												
IDLE	.0085	.0032	.0056	.0013	.0005	91.8	.0000	.0000	34.1	110.5725		0
ACCEL	.3302	.0593	.2864	.0033	.0078	931.3	.0046	.0002	202.0	10.9177		0
CRUISE	.1056	.0298	.0861	.0042	.0032	485.3	.0000	.0000	174.4	20.9665		0
DECEL	.0332	.0143	.0317	.0015	.0021	119.1	.0002	.0001	105.7	85.4360		0
TOTAL	.4775	.1067	.4098	.0102	.0136	1627.5	.0048	.0003	516.2			0
Phase: 2	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.1239	.0277	.1064	.0027	.0035	422.4	.0012	.0001	516.2	24.0909	0	3.853
Phase: 3												

Modal Test Results											
ACCEL	.1080	.0183	.0998	.0894	.0771	659.4	.0743	.0095	141.8	15.4300	0
CRUISE	.1313	.0230	.1172	.0144	.0105	522.9	.0079	.0014	121.7	19.4406	0
DECEL	.0254	.0093	.0256	.0179	.0057	106.7	.0036	.0008	94.0	95.0028	0
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0		0
TOTAL	.2695	.0521	.2462	.1235	.0944	1348.1	.0863	.0117	382.2		0
Phase: 3 Equivalent Mass Results: (Grams/Mile)											
	.0753	.0146	.0688	.0345	.0264	376.8	.0241	.0033	382.2	26.9712	0 3.578
Weighted Total Equivalent Mass Results:(Grams/Mile)											
	.1322	.0562	.0844	.3697	.0452	417.6	.0426	.0034	1329.3	24.2860	0 11.026

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.23132	1.74787	.17143	.20382	458.166	.04766	.3753	0.24933	22.0476
Phase: 2	.11341	.00000	.00220	.01467	411.880	.10001	.0169	0.11019	24.6777
Phase: 3	.07063	.02605	.02547	.00830	368.990	.06660	.0338	0.07191	27.5562
CVS Weighted Mass Results:(Grams/Mile)									
	.12614	.36993	.04371	.05218	409.715	.07997	.0959	.12856	24.7593

Drive Metrics:

CSI	RMS
-11.203	.382

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,474,040	4,519,340	-1.002	5,784.4	5,779.3	0.089	-1.102	-3.000	-4.578	0.4203
Phase: 2	4,156,430	4,175,910	-0.467	6,200.7	6,211.1	-0.167	-0.301	-0.458	-0.751	0.4135
Phase: 3	4,455,460	4,519,660	-1.421	5,758.8	5,779.8	-0.363	-1.073	-2.750	-4.062	0.4577
Final (Weighted):										
	8,619,880	8,695,440	-0.869	11,970.5	11,990.6	-0.168	-0.707	-1.780	-2.420	0.3756

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / mh1294 Date: 02/01/2023 16:13:19

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

Test Options:

Option	Description
DHFID Hangup value	.038
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.003
MINI DILUTER T/P DILUTION RATIO	10.070
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.089
Bag Methane Response Factor	1.103
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
Cert Mode	Y
Road (Var.) Speed Fan required	Y
Rolls Requirement	Y
Augmented Braking	Y
Diesel Test	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	15.140

Sequence Purpose

cFTP75 Emissions

Engr. SpclInst

Engineer takes vehicle scan during 10 min soak. Engineer takes vehicle scan at end of sequence.

Sampling Type List

DCVS , Diesel Tailpipe / Particulates – Multiple

Test Request Purpose

T4305PV063 – ^{REDACTED} – IUVT Consent Decree Witness Testing 14MY 3.0L DSL WK (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.