

EMISSIONS SUMMARY REPORT

Vehicle ID:	T6305PV197 / DNV578	Test ID:	T6305PV197_EPA75_020823101901 / 1111549706		
Test Req:	082012231194-2	Location:	CHRYSLER TECH CENTER		
Test Type:	EPA75	Facility:	Test Cell 8	Start Time:	10/19/2023 10:20:37
Requestor:	REDACTED	Shift Sched.:	AUTO	Trace End:	10/19/2023 11:01:20
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag	Inertia Weight: (lbs)	5500.0
Operator:	REDACTED	Fuel Type:	MS10756	Road Load Coeff A:	22.86
Start Odometer:	114947	Fuel Anal.#:	11022	Road Load Coeff B:	-.1249
AutoLoad File:	None	INCA Project File:	REDACTE_16MY_WK_4WD_Diesel.exp	Road Load Coeff C:	0.03209
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 WK BLACK	Emissions Standard:	EPA
Test Req. Purpose:	T6305PV197 - REDACTE - IUVT Consent Decree Witness Testing 16MY 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	.2127	.1333	.0723	8.9984	.4415	733.8	.4573	.0449	43.1	13.5892		.212
Cycle1	.4362	.2705	.1774	4.2374	.2634	551.5	.2628	.0220	90.7	18.2021		.668
Cycle2	.1302	.0900	.0462	.0161	.1645	406.2	.1658	.0179	180.5	25.0362		1.962
Cycle11	.1380	.0169	.1317	.0004	.0002	295.4	.0000	.0000	120.8	34.4432		1.362
Cycle19	.4872	.1399	.3799	.9886	.0064	387.4	.0058	.0001	67.8	26.0851		.675

Modal Test Results:(Grams)												
Phase: 1												
IDLE	.0407	.0261	.0155	.2040	.0195	79.6	.0186	.0003	30.4	126.4952		0
ACCEL	.1513	.0993	.0594	1.0620	.2939	715.3	.3065	.0295	145.9	14.1894		0
CRUISE	.2944	.1845	.1105	.8412	.1267	643.4	.1155	.0118	140.2	15.7703		0
DECEL	.1009	.0707	.0434	.7578	.0722	173.2	.0705	.0088	81.6	58.3093		0
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0			0
TOTAL	.5873	.3807	.2288	2.8650	.5122	1611.5	.5111	.0504	398.1			0
Phase: 1	.1638	.1062	.0638	.7991	.1429	449.5	.1426	.0141	398.1	22.5240	0	3.585
Phase: 2												
IDLE	.0108	.0037	.0073	.0006	.0001	79.0	.0000	.0000	32.1	128.7510		0
ACCEL	.3055	.0478	.2615	.1948	.0011	879.5	.0000	.0000	198.5	11.5468		0
CRUISE	.1358	.0258	.1230	.0008	.0005	479.6	.0000	.0000	163.6	21.1806		0
DECEL	.0697	.0196	.0777	.0189	.0003	148.6	.0000	.0000	114.0	68.1781		0
TOTAL	.5218	.0970	.4694	.2151	.0020	1586.8	.0000	.0000	508.3			0
Phase: 2	.1351	.0251	.1215	.0557	.0005	410.8	.0000	.0000	508.3	24.7273	0	3.862
Phase: 3												
IDLE	.0070	.0023	.0051	.0008	.0000	48.6	.0000	.0000	22.5	207.5758		0

Mode	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG	0	0
CRUISE	.1968	.0391	.1699	.0460	.0021	536.8	.0007	.0004	125.6	18.9246	0
DECEL	.0964	.0502	.0787	.2904	.0014	133.6	.0010	.0000	91.1	75.5106	0
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0		0
TOTAL	.5113	.1362	.4242	.8447	.0448	1336.9	.0445	.0102	369.8		0
Phase: 3 Equivalent Mass Results: (Grams/Mile)											
	.1426	.0380	.1183	.2356	.0125	372.8	.0124	.0028	369.8	27.2204	0 3.586
Weighted Total Equivalent Mass Results:(Grams/Mile)											
	.1431	.0454	.1087	.2589	.0333	408.4	.0329	.0037	1276.2	24.8882	0 11.033

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.16025	.83571	.14954	.11841	457.184	.05577	.2679	0.17095	22.1762
Phase: 2	.11969	.04588	.00048	.01942	412.056	.10648	.0199	0.11975	24.6711
Phase: 3	.12654	.23005	.01739	.03233	371.289	.10237	.0497	0.12878	27.3712
CVS Weighted Mass Results: (Grams/Mile)									
	.12996	.25991	.03597	.04345	410.210	.09486	.0794	.13282	24.7689

Drive Metrics:

CSI	RMS
-8.150	.360

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,543,220	4,579,130	-0.784	5,770.1	5,779.3	-0.160	-0.629	-2.506	-3.551	0.4168
Phase: 2	4,235,550	4,231,680	0.091	6,213.2	6,211.1	0.034	0.058	-0.084	0.420	0.3737
Phase: 3	4,536,780	4,578,870	-0.919	5,770.1	5,779.3	-0.160	-0.766	-3.087	-4.914	0.4345
Final (Weighted):										
	8,775,100	8,810,660	-0.404	11,983.3	11,990.5	-0.060	-0.345	-1.567	-1.823	0.3533

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / mh1294 Date: 10/19/2023 14:56:31

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

Test Options: Option	Description
Induced Failure	
DHFID Hangup value	.024
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.003
MINI DILUTER T/P DILUTION RATIO	9.980
Tailpipe Methane Response Factor	1.066
Bag Methane Response Factor	1.088
DHFID Methane Response Factor	1.089
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
Thermocouples	N
Report Kilometers	N
Strict Humidity Control Requirement	N
Extra Cooling(440v)	N
Quick Check Coast Downs	N
Cert Detonation	N
Low Power Vehicle assist	N
Side Cooling	N
Leak Detection Pump Requirement	N
Solar Required	N
VT Shed Requirement	N
Underbody Temperature Control Required	N
Altitude Test	N
Rerun on Invalid	N
E-Flow Extra Cooling Procedure	N
Mule Test	N
Abort Test on Thermocouple Failure	N

Test Options

Emission Summary Report

Abort Test on Analog/Digital Failure	N
User Defined Post Test Required	N
PZEV Required	N
Charging Calcs Required	N
N2O Requirement	N
OBD Set Adaptives	N
OBD II Flag	N
DbW Required	N
Allow Short Stabilization Soak of Filters	N
Disable RDL Auto ABC updates	N
WLTP Fan Required	N
Gas-Diesel Special Test	N
XETK Required	N
RGE Test	N
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
Check Soak Time	Y
Weighted Dilution factor	14.910

Sequence Purpose

cFTP75 Emissions

System Comments

10/19/2023 11:06:58: Current filter for the tailpipe bench is #1. Filter swap strategy: swap

Sampling Type List

DCVS , Diesel Tailpipe / Particulates - Multiple

Test Request Purpose

T6305PV197 - REDACTE - IUVT Consent Decree Witness Testing 16MY 3.0L DSL WK (RL, PREP, FTP75, HFET, US06)

Test Comments

Emission Summary Report

Informational Report Comments

ProcLnch - Initialization failure for HoribaInit! Retry?

ProcLnch - Initialization failure for INCA! Retry?

ProcLnch - Initialization failure for HoribaInit! Retry?

ProcLnch - Initialization failure for HoribaInit! Retry?

ProcLnch - Initialization failure for HoribaInit! Retry?

ProcLnch - Initialization failure for HoribaInit! Retry?

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