

EMISSIONS SUMMARY REPORT

Vehicle ID:	T5305PV069 / 6NRM60	Test ID:	T5305PV069_EPA75_020823080901 / 1111549351
Test Req:	082012230961-4	Location:	CHRYSLER TECH CENTER
Test Type:	EPA75	Facility:	Test Cell 8
Requestor:	REDACTED	Shift Sched.:	AUTO
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag
Operator:	REDACTED	Fuel Type:	MS10756
Start Odometer:	118916	Fuel Anal.#:	11022
AutoLoad File:	None	INCA Project File:	REDACTED _15MY_WK_4WD_Diesel.exp
Cell Temp Set Pt (F):	75	Altitude Set Pt(ft.):	930
Test Segment:	1/1	Vehicle Desc.:	0.00 JEEP BLUE
Test Req. Purpose:	T5305PV069 - REDACTED - IUVT Consent Decree Witness Testing 15MY 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	.2428	.1694	.0666	9.4803	.5846	813.4	.5775	.0922	44.4	12.2797		.204
Cycle1	.4668	.3418	.1317	6.2193	.3066	570.7	.3008	.0349	95.3	17.4766		.667
Cycle2	.1308	.0901	.0449	.0267	.2259	421.5	.2180	.0191	189.6	24.1441		1.965
Cycle11	.1197	.0139	.1168	.0000	.0016	306.6	.0009	.0000	128.1	33.1050		1.367
Cycle19	.4178	.1528	.2918	1.4866	.0219	386.2	.0228	.0019	71.5	26.1141		.675

Modal Test Results:(Grams)

Phase: 1												
IDLE	.0400	.0290	.0118	.1779	.0234	95.9	.0233	.0002	32.8	105.5477		0
ACCEL	.1363	.0910	.0425	1.1043	.4079	755.9	.4126	.0314	153.6	13.4217		0
CRUISE	.3246	.2185	.1092	2.0572	.1524	662.8	.1465	.0097	143.3	15.2500		0
DECEL	.0892	.0764	.0262	.8683	.0715	141.8	.0522	.0196	94.9	70.8379		0
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0			0
TOTAL	.5901	.4149	.1898	4.2076	.6552	1656.5	.6346	.0609	424.7			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.1646	.1158	.0530	1.1740	.1828	462.2	.1771	.0170	424.7	21.9136	0	3.584
Phase: 2												
IDLE	.0076	.0016	.0064	.0004	.0001	96.8	.0000	.0000	34.6	104.8780		0
ACCEL	.3039	.0370	.2824	.0548	.0044	919.0	.0030	.0000	197.4	11.0602		0
CRUISE	.1073	.0195	.1025	.0005	.0015	481.6	.0000	.0000	162.0	21.0968		0
DECEL	.0305	.0090	.0332	.0018	.0006	113.0	.0000	.0000	109.4	89.9758		0
TOTAL	.4493	.0671	.4244	.0575	.0066	1610.4	.0030	.0000	503.4			0
Phase: 2	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.1166	.0174	.1102	.0149	.0017	418.0	.0008	.0000	503.4	24.3216	0	3.853
Phase: 3												
IDLE	.0053	.0016	.0041	.0019	.0007	59.5	.0006	.0000	25.6	169.5522		0

Modal Test Results											
ACCEL	.0098	.1625	.9832	.1447	666.9	.1282	.0332	140.7	15.2049	0	
CRUISE	.1527	.0219	.1398	.0086	.0148	526.3	.0125	.0029	123.3	19.3273	0
DECEL	.0559	.0425	.0342	.1839	.0035	99.8	.0025	.0005	94.5	101.2918	0
TOTAL	.4367	.1357	.3406	1.1777	.1637	1352.5	.1438	.0366	384.0		0
Phase: 3 Equivalent Mass Results: (Grams/Mile)											
	.1218	.0379	.0950	.3284	.0457	377.2	.0401	.0102	384.0	26.9269	0 3.586
Weighted Total Equivalent Mass Results:(Grams/Mile)											
	.1280	.0434	.0941	.3413	.0513	415.9	.0481	.0063	1312.1	24.4059	0 11.023

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.15814	1.20664	.18766	.11403	475.730	.04836	.3017	0.15958	21.2701
Phase: 2	.11202	.01066	.00173	.01661	426.152	.09956	.0183	0.11041	23.8665
Phase: 3	.11780	.33195	.05971	.03497	383.933	.08781	.0947	0.11771	26.4381
CVS Weighted Mass Results:(Grams/Mile)									
	.12316	.34679	.05619	.04184	424.825	.08572	.0980	.12260	23.8903

Drive Metrics:

CSI	RMS
-2.559	.351

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,546,890	4,555,790	-0.195	5,766.8	5,779.4	-0.218	0.022	-1.144	-1.669	0.4181
Phase: 2	4,215,090	4,207,710	0.175	6,201.1	6,211.8	-0.173	0.347	-0.389	-0.239	0.3909
Phase: 3	4,497,830	4,555,800	-1.272	5,770.0	5,779.3	-0.161	-1.126	-1.711	-3.136	0.3651
Final (Weighted):										
	8,734,010	8,763,500	-0.337	11,969.7	11,991.1	-0.179	-0.158	-0.962	-1.309	0.3436

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / mh1294 Date: 08/09/2023 13:45:31

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

Test Options

Emission Summary Report

Test Options:

Option	Description
DHFID Hangup value	.027
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.003
MINI DILUTER T/P DILUTION RATIO	9.990
Tailpipe Methane Response Factor	1.066
Bag Methane Response Factor	1.088
DHFID Methane Response Factor	1.089
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
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	14.480

Sequence Purpose

cFTP75 Emissions

Engr. SpellInst

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

System Comments

08/09/2023 10:50:33: Current filter for the tailpipe bench is #1. Filter swap strategy: swap

Sampling Type List

DCVS , Diesel Tailpipe / Particulates - Multiple

Test Request Purpose

T5305PV069 - ^{REDACTED} - IUVT Consent Decree Witness Testing 15MY 3.0L DSL WK (RL, PREP, FTP75, HFET, US06)

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