

EMISSIONS SUMMARY REPORT

Vehicle ID:	T5305PV071 / EFS5624	Test ID:	T5305PV071_US2XSP020823121301 / 1111550086
Test Req:	082012231425-6	Location:	CHRYSLER TECH CENTER
Test Type:	US06(2X) - using Split Bag US06	Facility:	Test Cell 8
Requestor:	REDACTED	Shift Sched.:	AUTO
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag
Operator:	REDACTED	Fuel Type:	MS10756
Start Odometer:	109329	Fuel Anal.#:	11022
AutoLoad File:	None	INCA Project File:	REDACTED_15MY_DS_4WD_Diesel.exp
Cell Temp Set Pt (F):	75	Altitude Set Pt(ft.):	930
Test Segment:	3/3	Vehicle Desc.:	0.00 1500 RAM GRAY
Test Req. Purpose:	T5305PV071 - REDACTED - IUVT Consent Decree Witness Testing 15MY 3.0L DSL DS (RL, PREP, FTP75, HFET, US06)		
Seq. Purpose:	US06 Emissions		

	Individual Cycles:(Grams/Mile)								Tailpipe:			
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.0095	.0026	.0131	.0007	.1227	655.9	.1284	.0200	55.0	15.5113		.265
Cycle2	.0057	.0017	.0070	.0005	.1609	501.9	.1667	.0159	148.6	20.2698		1.014
Cycle3	.0050	.0016	.0054	.0012	.0897	385.6	.0924	.0116	608.9	26.3612		6.233
Cycle4	.0189	.0040	.0241	.0034	.4153	1018.8	.4451	.0720	89.4	9.9855		.268
Cycle5	.0112	.0034	.0149	.0011	.7962	910.8	.8314	.0832	58.3	11.1695		.220

Modal Test Results:(Grams)												
Phase: 1												
IDLE	.0008	.0001	.0010	.0003	.0006	20.1	.0000	.0000	14.0	.1519		0
ACCEL	.0088	.0024	.0118	.0010	.3404	893.0	.4061	.0164	203.8	8.7644		0
DECEL	.0063	.0017	.0075	.0006	.1411	243.1	.0992	.0426	133.4	41.7009		0
TOTAL	.0158	.0042	.0203	.0018	.4822	1156.2	.5053	.0590	351.3			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0089	.0024	.0115	.0010	.2728	654.2	.2859	.0334	351.3	15.5587	0	1.767
Phase: 2												
IDLE	.0002	.0001	.0002	.0001	.0000	4.3	.0000	.0000	2.9	.2359		0
ACCEL	.0096	.0030	.0117	.0013	.3566	1091.7	.3774	.0475	240.4	17.6966		0
CRUISE	.0151	.0050	.0149	.0045	.1614	1047.0	.1639	.0175	259.3	29.6658		0
DECEL	.0062	.0017	.0067	.0015	.0413	260.8	.0348	.0073	106.3	49.8776		0
TOTAL	.0311	.0097	.0335	.0074	.5593	2403.9	.5761	.0723	608.9			0
Phase: 2	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0050	.0016	.0054	.0012	.0897	385.6	.0924	.0116	608.9	26.3612	0	6.233
Phase: 1A												
IDLE	.0003	.0001	.0004	.0001	.0000	8.8			5.7			0
ACCEL	.0044	.0014	.0062	.0003	.1757	566.5			125.2	10.0549		0
DECEL	.0035	.0009	.0040	.0003	.0200	107.6			72.6	68.2868		0

Modal Test Results										
Phase: 1A	0.0084	.0106	.0007	.1957	682.8		203.5			0
<u>Equivalent Mass Results: (Grams/Mile)</u>										
	.0065	.0019	.0083	.0005	.1530	533.7	203.5	19.0552	0	1.279
Phase: 1B										
IDLE	.0004	.0001	.0006	.0002	.0006	11.3	8.3	.2693		0
ACCEL	.0043	.0010	.0056	.0007	.1648	326.6	78.6	6.5353		0
DECEL	.0028	.0008	.0035	.0003	.1211	135.5	60.7	20.8936		0
TOTAL	.0075	.0018	.0097	.0011	.2865	473.4	147.7			0
<u>Equivalent Mass Results: (Grams/Mile)</u>										
	.0155	.0037	.0200	.0024	.5870	970.1	147.7	10.4900	0	.488
Total Equivalent Mass Results:(Grams/Mile)										
	.0059	.0017	.0067	.0012	.1302	445.0	.1352	.0164	960.2	22.8660
									0	8.001

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMHC+NOX	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00787	.00000	.32688	.00212	687.784	.00175	.3290	.3290	0.00379	14.7902
Phase: 2	.00222	.00000	.10153	.00049	396.081	.00132	.1020	.1020	0.00175	25.6961
CVS Total Mass Results: (Grams/Mile)										
	.00347	.00000	.15131	.00085	460.516	.00141	.1522	.1522	.00220	22.0731

Drive Metrics:

CSI	RMS
-14.067	.362

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,593,200	4,604,650	-0.249	2,844.1	2,852.2	-0.284	0.035	-0.482	-0.436	0.6746
Phase: 2	10,730,100	10,946,700	-1.978	10,032.0	10,035.8	-0.037	-1.980	-9.063	-12.022	0.3848
Final:	15,323,300	15,551,300	-1.466	12,876.1	12,887.9	-0.092	-1.395	-3.201	-6.075	0.5182

Test Options:

Test Options

Emission Summary Report

Option	Description
DHFID Hangup value	.000
Background Particles for PN	.000
Diesel Regeneration Required	0
Background Particulates (PM)	.003
Gain	.650
Constant Grade	.000
MINI DILUTER T/P DILUTION RATIO	9.920
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.089
Bag Methane Response Factor	1.098
Soak Duration(Hrs)	24
Threshold	350
CVS K Coeff	638.530
Charging Type	CS
Trace Start Method	Flying
Pre Test Vehicle Temperature	Hot
Actual Driver	Human
CVS Venturi Selection	Medium
DynoGrade Type	None
Special Test Qualifications	None
OBD II Monitor	None Requested
Cert Mode	Y
Road (Var.) Speed Fan required	Y
Rolls Requirement	Y
Wrap Cursor	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
Check Soak Time	Y
Weighted Dilution factor	14.840

Sequence Purpose

US06 Emissions

Engr. SpclInst

12/13/2023 01:15:43 PM

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Test Comments

Emission Summary Report

Engineer needs to collect Diagra Data at the end of drive cycle.

Req Spcl Inst

Use 8 ft exhaust pipe and Extra cooling.

System Comments

12/13/2023 12:29:56: Current filter for the tailpipe bench is #1. Filter swap strategy: swap

Sampling Type List

None -- None -- DCVS , Diesel Tailpipe / Particulates - Single

Test Request Purpose

T5305PV071 - ^{REDACTED} - IUVT Consent Decree Witness Testing 15MY 3.0L DSL DS (RL, PREP, FTP75, HFET, US06)

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