

EMISSIONS SUMMARY REPORT

Vehicle ID:	T5305PV071 / EFS5624	Test ID:	T5305PV071_HWFE2X020823121301 / 1111550085		
Test Req:	082012231425-5	Location:	CHRYSLER TECH CENTER		
Test Type:	HWFE(2X)	Facility:	Test Cell 8	Start Time:	12/13/2023 11:07:33
Requestor:	REDACTED	Shift Sched.:	AUTO	Trace End:	12/13/2023 11:33:18
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag	Inertia Weight: (lbs)	6000.0
Operator:	REDACTED	Fuel Type:	MS10756	Road Load Coeff A:	10.30
Start Odometer:	109308	Fuel Anal.#:	11022	Road Load Coeff B:	.2637
AutoLoad File:	None	INCA Project File:	REDACTED _15MY_DS_4WD_Diesel.exp	Road Load Coeff C:	0.03349
Cell Temp Set Pt (F):	75	Altitude Set Pt(ft.):	930	Hum. Set Pt (Grains):	50.00
Test Segment:	3/3	Vehicle Desc.:	0.00 1500 RAM GRAY	Emissions Standard:	EPA
Test Req. Purpose:	T5305PV071 - REDACTED - IUVT Consent Decree Witness Testing 15MY 3.0L DSL DS (RL, PREP, FTP75, HFET, US06)				
Seq. Purpose:	HFET Emissions				

Individual Cycles:(Grams/Mile)	Tailpipe:											
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.0017	.0004	.0033	.0000	.0011	288.1	.0008	.0001	812.8	35.3319		10.242

Modal Test Results:(Grams)												
Phase: 1												
ACCEL	.0052	.0014	.0097	.0000	.0067	884.7	.0056	.0003	231.0	11.4979		0
CRUISE	.0076	.0018	.0142	.0000	.0036	1241.1	.0024	.0003	337.5	8.1995		0
DECEL	.0008	.0001	.0034	.0000	.0004	260.2	.0000	.0000	94.0	39.1373		0
STEADY	.0035	.0008	.0069	.0000	.0007	565.1	.0005	.0000	150.4	18.0100		0
TOTAL	.0171	.0041	.0342	.0001	.0114	2951.1	.0085	.0006	812.8			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0017	.0004	.0033	.0000	.0011	288.1	.0008	.0001	812.8	35.3319	0	10.243

CVS Mass Results: (Grams/Mile)										
	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG	
Phase: 1	.00505	.00000	.00113	.00061	286.547	.00302		.0017	0.00348	35.4547

Drive Metrics:	
CSI	RMS
4.857	.241

SAE Drive Metrics:									
CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)

Emission Summary Report

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Phase: 1 11,966,400 12,092,700 -1.044 16,484.9 16,507.0 -0.134 -0.920 -5.758 -6.703 0.3402

Test Options:

Option	Description
DHFID Hangup value	.001
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.003
MINI DILUTER T/P DILUTION RATIO	9.630
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.089
Bag Methane Response Factor	1.098
Soak Duration(Hrs)	23
CVS K Coeff	278.855
Threshold	350
Trace Start Method	Crank (Pendant)
Charging Type	CS
Pre Test Vehicle Temperature	Hot
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

Test Options

Emission Summary Report

Mule Vehicle to Park	Y
SAE Calculations Required	Y
DbW Available	Y
Check Soak Time	Y
Weighted Dilution factor	10.220

Sequence Purpose

HFET Emissions

Engr. SpclInst

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

System Comments

12/13/2023 11:38:52: Current filter for the tailpipe bench is #2. 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.