

EMISSIONS SUMMARY REPORT

Vehicle ID:	T4305PV066 / 8PFZ66	Test ID:	T4305PV066_HWFE2X020823112901 / 1111549986		
Test Req:	082012231372-4	Location:	CHRYSLER TECH CENTER		
Test Type:	HWFE(2X)	Facility:	Test Cell 8	Start Time:	11/29/2023 11:03:58
Requestor:	REDACTED	Shift Sched.:	AUTO	Trace End:	11/29/2023 11:29:43
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag	Inertia Weight: (lbs)	5500.0
Operator:	REDACTED	Fuel Type:	MS10756	Road Load Coeff A:	8.39
Start Odometer:	117173	Fuel Anal.#:	11022	Road Load Coeff B:	.2097
AutoLoad File:	None	INCA Project File:	REDACTED_14MY_DS_4WD_Diesel.exp	Road Load Coeff C:	0.03305
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 DS BLACK	Emissions Standard:	EPA
Test Req. Purpose:	T4305PV066 - REDACTED - IUVT Consent Decree Witness Testing 14MY 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	.0035	.0011	.0041	.0001	.0001	283.4	.0001	.0000	791.6	35.9558		10.248

Modal Test Results:(Grams)

Phase: 1

ACCEL	.0100	.0031	.0121	.0003	.0006	867.6	.0009	.0000	229.6	11.7229		0
CRUISE	.0144	.0045	.0172	.0002	.0004	1211.7	.0005	.0000	326.7	8.3956		0
DECEL	.0051	.0018	.0048	.0002	.0000	258.0	.0000	.0000	88.2	39.4388		0
STEADY	.0060	.0018	.0078	.0001	.0001	566.7	.0000	.0000	147.0	17.9462		0
TOTAL	.0355	.0112	.0419	.0008	.0011	2904.0	.0014	.0000	791.6			0

Phase: 1 Equivalent Mass Results: (Grams/Mile)

	.0035	.0011	.0041	.0001	.0001	283.4	.0001	.0000	791.6	35.9558	0	10.248
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CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00289	.00000	.00035	.00000	281.760	.00232	.0003	0.00221	36.0837

Drive Metrics:

CSI	RMS
6.596	.194

SAE Drive Metrics:

CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
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Emission Summary Report

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Phase: 1 11,850,300 11,946,800 -0.808 16,493.3 16,507.0 -0.083 -0.731 -5.704 -6.521 0.2732

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / mh1294 Date: 11/29/2023 13:29:51

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

Test Options:

Option	Description
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.003
MINI DILUTER T/P DILUTION RATIO	9.930
DHFID Hangup value	.000
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

11/29/2023 01:30:03 PM

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Test Options

Emission Summary Report

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	10.140

Sequence Purpose

HFET Emissions

Engr. SpellInst

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

System Comments

11/29/2023 11:35:08: 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

T4305PV066 - ^{REDACTED} - IUVT Consent Decree Witness Testing 14MY 3.0L DSL DS (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.