

EMISSIONS SUMMARY REPORT

Vehicle ID:	T5305PV067 / WVN319	Test ID:	T5305PV067_HWFE2X020823011101 / 1111547770
Test Req:	082012230013-4	Location:	CHRYSLER TECH CENTER
Test Type:	HWFE(2X)	Facility:	Test Cell 8
Requestor:	REDACTED	Shift Sched.:	AUTO
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag
Operator:	REDACTED	Fuel Type:	MS10756
Start Odometer:	109648	Fuel Anal.#:	11022
AutoLoad File:	None	INCA Project File:	15MY_WK REDACTED .exp
Cell Temp Set Pt (F):	75	Altitude Set Pt(ft.):	930
Test Segment:	3/3	Vehicle Desc.:	0.00 GRAND CHERGRAY
Test Req. Purpose:	T5305PV067 – REDACTED – IUVT Consent Decree Witness Testing 14MY 3.0L DSL WK (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	.0039	.0018	.0030	.0022	.0016	274.9	.0014	.0001	735.5	37.0013		10.246

Modal Test Results:(Grams)												
Phase: 1												
ACCEL	.0133	.0069	.0083	.0014	.0080	837.8	.0076	.0003	206.2	12.1424		0
CRUISE	.0156	.0069	.0128	.0184	.0061	1198.2	.0049	.0007	306.5	8.4934		0
DECEL	.0043	.0017	.0040	.0011	.0004	247.9	.0002	.0000	85.9	41.0294		0
STEADY	.0073	.0030	.0058	.0014	.0017	533.2	.0013	.0002	136.9	19.0908		0
TOTAL	.0405	.0185	.0309	.0224	.0162	2817.0	.0140	.0012	735.5			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0039	.0018	.0030	.0022	.0016	274.9	.0014	.0001	735.5	37.0013	0	10.246

CVS Mass Results: (Grams/Mile)										
	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG	
Phase: 1	.00345	.00000	.00206	.00082	263.759	.00176		.0029	0.00251	38.5434

Drive Metrics:	
CSI	RMS
7.662	.226

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 11,546,500 11,635,800 -0.767 16,488.2 16,507.0 -0.114 -0.659 -2.907 -3.542 0.3185

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / mh1294 Date: 01/11/2023 13:15:09

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

Test Options:

Option	Description
DHFID Hangup value	.003
Constant Grade	.000
Gain	.650
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.003
MINI DILUTER T/P DILUTION RATIO	10.040
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.089
Bag Methane Response Factor	1.103
Soak Duration(Hrs)	24
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

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Test Options

Emission Summary Report

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
Weighted Dilution factor	10.920

Sequence Purpose

HFET Emissions

Sampling Type List

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

Test Request Purpose

T5305PV067 – REDACTED – IUVT Consent Decree Witness Testing 14MY 3.0L DSL WK (RL, PREP, FTP75, HFET, US06)

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