

EMISSIONS SUMMARY REPORT

Vehicle ID:	T6305PV197 / DNV578	Test ID:	T6305PV197_HWFE2X020823101901 / 1111549707		
Test Req:	082012231194-3	Location:	CHRYSLER TECH CENTER		
Test Type:	HWFE(2X)	Facility:	Test Cell 8	Start Time:	10/19/2023 11:38:40
Requestor:	REDACTED	Shift Sched.:	AUTO	Trace End:	10/19/2023 12:04:25
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag	Inertia Weight: (lbs)	5500.0
Operator:	REDACTED	Fuel Type:	MS10756	Road Load Coeff A:	22.86
Start Odometer:	114959	Fuel Anal.#:	11022	Road Load Coeff B:	-.1249
AutoLoad File:	None	INCA Project File:	REDACTE_16MY_WK_4WD_Diesel.exp	Road Load Coeff C:	0.03209
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 WK BLACK	Emissions Standard:	EPA
Test Req. Purpose:	T6305PV197 - REDACTE - IUVT Consent Decree Witness Testing 16MY 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	.0117	.0074	.0048	.0175	.0006	271.5	.0000	.0000	698.1	37.4016		10.247

Modal Test Results:(Grams)												
Phase: 1												
ACCEL	.0354	.0231	.0134	.0006	.0023	846.1	.0002	.0000	201.8	12.0266		0
CRUISE	.0512	.0317	.0217	.1760	.0026	1161.3	.0003	.0000	290.6	8.7614		0
DECEL	.0126	.0076	.0054	.0023	.0006	243.4	.0000	.0000	77.9	41.8687		0
STEADY	.0206	.0129	.0083	.0000	.0010	531.2	.0000	.0000	127.8	19.1611		0
TOTAL	.1198	.0753	.0489	.1789	.0065	2782.0	.0005	.0000	698.1			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0117	.0074	.0048	.0175	.0006	271.5	.0000	.0000	698.1	37.4016	0	10.247

CVS Mass Results: (Grams/Mile)										
	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG	
Phase: 1	.00413	.01236	.00013	.00061	270.888	.00301		.0007	0.00344	37.5457

Drive Metrics:	
CSI	RMS
7.426	.240

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 11,688,900 11,731,200 -0.360 16,490.9 16,508.0 -0.103 -0.258 -3.737 -4.445 0.3383

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / mh1294 Date: 10/19/2023 15:00:16

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

Test Options:

Option	Description
Induced Failure	
Constant Grade	.000
Diesel Regeneration Required	0
Gain	.650
Background Particles for PN	.000
Background Particulates (PM)	.003
MINI DILUTER T/P DILUTION RATIO	9.680
DHFID Hangup value	.000
Tailpipe Methane Response Factor	1.066
Bag Methane Response Factor	1.088
DHFID Methane Response Factor	1.089
Soak Duration(Hrs)	25
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
Thermocouples	N
Report Kilometers	N
Strict Humidity Control Requirement	N
Extra Cooling(440v)	N
Quick Check Coast Downs	N

Test Options

Emission Summary Report

Cert Detonation	N
Low Power Vehicle assist	N
Side Cooling	N
Leak Detection Pump Requirement	N
Solar Required	N
VT Shed Requirement	N
Underbody Temperature Control Required	N
Altitude Test	N
Rerun on Invalid	N
E-Flow Extra Cooling Procedure	N
Mule Test	N
Abort Test on Thermocouple Failure	N
Abort Test on Analog/Digital Failure	N
User Defined Post Test Required	N
PZEV Required	N
Charging Calcs Required	N
N2O Requirement	N
OBD Set Adaptives	N
OBD II Flag	N
DbW Required	N
Allow Short Stabilization Soak of Filters	N
Disable RDL Auto ABC updates	N
WLTP Fan Required	N
Gas-Diesel Special Test	N
XETK Required	N
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	10.580

Sequence Purpose

HFET Emissions

System Comments

10/19/2023 12:10:07: 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

T6305PV197 - REDACTE - IUVT Consent Decree Witness Testing 16MY 3.0L DSL WK (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.