

**EMISSIONS SUMMARY REPORT**

Vehicle ID:	<b>T4305PV61 / PA3882</b>	Test ID:	<b>T4305PV61_HWFE2X020822042701 / 1111546038</b>		
Test Req:	<b>082012220604-5</b>	Location:	CHRYSLER TECH CENTER		
Test Type:	<b>HWFE(2X)</b>	Facility:	<b>Test Cell 8</b>	Start Time:	<b>04/27/2022 11:15:39</b>
Requestor:	<b>REDACTED</b>	Shift Sched.:	AUTO	Trace End:	<b>04/27/2022 11:41:25</b>
Driver:	<b>REDACTED</b>	Option(s):	Tailpipe modal & Bag	Inertia Weight: (lbs)	6000
Operator:	<b>REDACTED</b>	Fuel Type:	MS10756	Road Load Coeff A:	5.68
Start Odometer:	93666	Fuel Anal.#:	11022	Road Load Coeff B:	.2071
AutoLoad File:	None	INCA Project File:	T4305PV61_14MY_DS_Mast.exp	Road Load Coeff C:	0.03390
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 DS6H98 Deep Cherr	Emissions Standard:	EPA
Test Req. Purpose:	T4305PV61 – Mast – IUVT Consent Decree Witness Testing 14MY 3.0L DSL DS (RL, PREP, FTP75, HFET, US06)				
Seq. Purpose:	HFET Emissions				

<b>Individual Cycles:(Grams/Mile)</b>	<b>Tailpipe:</b>											
	<b>HC</b>	<b>NMHC</b>	<b>CH4</b>	<b>CO</b>	<b>NOX</b>	<b>CO2</b>	<b>NO</b>	<b>NO2</b>	<b>ExVol</b>	<b>MPG</b>	<b>DM</b>	<b>Miles</b>
Cycle1	.0075	.0041	.0039	.0028	.0007	296.4	.0006	.0000	816.4	34.3752		10.252

<b>Modal Test Results:(Grams)</b>												
Phase: 1												
ACCEL	.0227	.0123	.0118	.0084	.0033	927.6	.0035	.0000	239.2	10.9643		0
CRUISE	.0303	.0166	.0162	.0114	.0027	1260.5	.0017	.0003	338.7	8.0753		0
DECEL	.0086	.0046	.0044	.0032	.0001	264.4	.0000	.0000	88.5	38.5406		0
STEADY	.0150	.0085	.0076	.0059	.0008	586.8	.0006	.0000	150.0	17.3334		0
TOTAL	.0765	.0420	.0400	.0288	.0069	3039.2	.0058	.0003	816.4			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	<b>.0075</b>	<b>.0041</b>	<b>.0039</b>	<b>.0028</b>	<b>.0007</b>	<b>296.4</b>	<b>.0006</b>	<b>.0000</b>	<b>816.4</b>	<b>34.3752</b>	<b>0</b>	<b>10.252</b>

<b>CVS Mass Results: (Grams/Mile)</b>										
	<b>HC</b>	<b>CO</b>	<b>NOX</b>	<b>NMHC</b>	<b>CO2</b>	<b>CH4</b>	<b>NMOG+NOX</b>	<b>HFID</b>	<b>Vol.MPG</b>	
Phase: 1	.00238	.00000	.00087	.00121	280.899	.00232		.0021	0.00343	36.2117

<b>Drive Metrics:</b>	
<b>CSI</b>	<b>RMS</b>
7.981	.225

<b>SAE Drive Metrics:</b>										
	<b>CED (J)</b>	<b>CET (J)</b>	<b>ER</b>	<b>DistD (M)</b>	<b>DistT (M)</b>	<b>DistR</b>	<b>EER</b>	<b>ASCR</b>	<b>IWR</b>	<b>RMSSE (MPH)</b>
Phase: 1	11,993,200	12,092,400	-0.821	16,500.4	16,506.8	-0.039	-0.788	-6.107	-7.584	0.3170

# Test Validation

**Test Validation:** Valid: Invalid: Retest: Accept: NIC: system / mh1294 Date: 04/27/2022 14:23:18

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

## Test Options:

Option	Description
DHFID Hangup value	.005
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.004
MINI DILUTER T/P DILUTION RATIO	10.350
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.089
Bag Methane Response Factor	1.102
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

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## Test Options

## Emission Summary Report

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	10.530

### Sequence Purpose

HFET Emissions

### Engr. SpclInst

Engineer needs to collect DiagRA data at the end of the drive cycle.

### Sampling Type List

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

### Test Request Purpose

T4305PV61 – Mast – 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.**