

**EMISSIONS SUMMARY REPORT**

Vehicle ID:	<b>T5305PV069 / 6NRM60</b>	Test ID:	<b>T5305PV069_HWFE2X020823080901 / 1111549352</b>		
Test Req:	<b>082012230961-5</b>	Location:	CHRYSLER TECH CENTER		
Test Type:	<b>HWFE(2X)</b>	Facility:	<b>Test Cell 8</b>	Start Time:	<b>08/09/2023 11:15:25</b>
Requestor:	<b>REDACTED</b>	Shift Sched.:	AUTO	Trace End:	<b>08/09/2023 11:41:10</b>
Driver:	<b>REDACTED</b>	Option(s):	Tailpipe modal & Bag	Inertia Weight: (lbs)	5500.0
Operator:	<b>REDACTED</b>	Fuel Type:	MS10756	Road Load Coeff A:	23.40
Start Odometer:	118927	Fuel Anal.#:	11022	Road Load Coeff B:	.1514
AutoLoad File:	None	INCA Project File:	<b>REDACTED</b> _15MY_WK_4WD_Diesel.exp	Road Load Coeff C:	0.02860
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 JEEP BLUE	Emissions Standard:	EPA
Test Req. Purpose:	T5305PV069 - <b>REDACTED</b> - IUVT Consent Decree Witness Testing 15MY 3.0L DSL WK (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	.0051	.0023	.0035	.0052	.0019	280.9	.0014	.0001	748.6	36.2088		10.246

<b>Modal Test Results:(Grams)</b>												
Phase: 1												
ACCEL	.0135	.0063	.0093	.0005	.0085	852.1	.0075	.0002	208.7	11.9428		0
CRUISE	.0227	.0107	.0150	.0511	.0079	1206.9	.0049	.0004	310.5	8.4296		0
DECEL	.0058	.0023	.0047	.0009	.0008	263.4	.0005	.0000	88.5	38.6885		0
STEADY	.0098	.0045	.0068	.0006	.0024	555.3	.0015	.0000	140.9	18.3338		0
TOTAL	.0518	.0238	.0357	.0531	.0196	2877.7	.0144	.0006	748.6			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	<b>.0051</b>	<b>.0023</b>	<b>.0035</b>	<b>.0052</b>	<b>.0019</b>	<b>280.9</b>	<b>.0014</b>	<b>.0001</b>	<b>748.6</b>	<b>36.2088</b>	<b>0</b>	<b>10.246</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	.00276	.00163	.00225	.00053	275.125	.00189	.0028	0.00231	37.0021	

<b>Drive Metrics:</b>	
<b>CSI</b>	<b>RMS</b>
5.589	.212

<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>	

## Emission Summary Report

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Phase: 1      11,576,500    11,635,700    -0.509      16,489.4      16,507.0    -0.107    -0.404    -4.421    -5.162      0.2991

**Test Validation:**    Valid:      Invalid:      Retest:      Accept:      NIC: system / mh1294      Date: 08/09/2023 14:23:45

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

### 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	10.010
Tailpipe Methane Response Factor	1.066
Bag Methane Response Factor	1.088
DHFID Methane Response Factor	1.089
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

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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	10.440

### Sequence Purpose

HFET Emissions

### Engr. SpellInst

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

### System Comments

08/09/2023 11:46:41: 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

T5305PV069 - <sup>REDACTED</sup> - IUVT Consent Decree Witness Testing 15MY 3.0L DSL WK (RL, PREP, FTP75, HFET, US06)

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