

**EMISSIONS SUMMARY REPORT**

Vehicle ID:	<b>T6305PV196 / HAC7960</b>	Test ID:	<b>T6305PV196_HWFE2X020823082301 / 1111549454</b>		
Test Req:	<b>082012230992-5</b>	Location:	CHRYSLER TECH CENTER		
Test Type:	<b>HWFE(2X)</b>	Facility:	<b>Test Cell 8</b>	Start Time:	<b>08/23/2023 11:03:46</b>
Requestor:	<b>REDACTED</b>	Shift Sched.:	AUTO	Trace End:	<b>08/23/2023 11:29:32</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:	20.44
Start Odometer:	110093	Fuel Anal.#:	11022	Road Load Coeff B:	.0563
AutoLoad File:	None	INCA Project File:	REDACTE_16MY_WK_4WD_Diesel.exp	Road Load Coeff C:	0.03053
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 Granite Cr	Emissions Standard:	EPA
Test Req. Purpose:	T6305PV196 - REDACTE - IUVT Consent Decree Witness Testing 16MY 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	.0059	.0028	.0037	.0000	.0014	276.6	.0010	.0000	726.6	36.7333		10.253

<b>Modal Test Results:(Grams)</b>												
Phase: 1												
ACCEL	.0169	.0081	.0106	.0000	.0064	850.5	.0048	.0000	205.7	11.9708		0
CRUISE	.0235	.0113	.0144	.0000	.0061	1190.9	.0043	.0004	296.5	8.5434		0
DECEL	.0085	.0037	.0054	.0000	.0003	255.3	.0001	.0000	87.1	39.9012		0
STEADY	.0112	.0051	.0074	.0000	.0015	539.1	.0007	.0000	137.3	18.8779		0
TOTAL	.0602	.0282	.0379	.0000	.0143	2835.8	.0099	.0004	726.6			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	<b>.0059</b>	<b>.0028</b>	<b>.0037</b>	<b>.0000</b>	<b>.0014</b>	<b>276.6</b>	<b>.0010</b>	<b>.0000</b>	<b>726.6</b>	<b>36.7333</b>	<b>0</b>	<b>10.253</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	.00149	.00000	.00158	.00000	267.818	.00145		.0016	0.00105	37.9690

<b>Drive Metrics:</b>	
<b>CSI</b>	<b>RMS</b>
16.939	.200

<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      11,370,700    11,393,300    -0.199      16,501.8      16,507.9    -0.037    -0.162    -1.604    -1.669      0.2815

**Test Validation:**    Valid:      Invalid:      Retest:      Accept:      NIC: system / mh1294    Date: 08/23/2023 15:37:07

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

**Test Options:**

<b>Option</b>	<b>Description</b>
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.003
MINI DILUTER T/P DILUTION RATIO	9.980
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)	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

## 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	10.760

### Sequence Purpose

HFET Emissions

### Engr. SpellInst

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

### System Comments

08/23/2023 11:35:04: Current filter for the tailpipe bench is #1. Filter swap strategy: swap

### Sampling Type List

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

### Test Request Purpose

T6305PV196 -<sup>REDACTE</sup> - IUVT Consent Decree Witness Testing 16MY 3.0L DSL WK (RL, PREP, FTP75, HFET, US06)

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