

**EMISSIONS SUMMARY REPORT**

Vehicle ID: **T6305PV56 / HQ61U** Test ID: **T6305PV56\_HWFE2X020821012701 / 1111541261**  
 Test Req: **082012210154-3** Location: **CHRYSLER TECH CENTER**  
 Test Type: **HWFE(2X)** Facility: **Test Cell 8** Start Time: **01/27/2021 11:18:54**  
 Requestor: **REDACTED** Shift Sched.: **AUTO** Trace End: **01/27/2021 11:44:39**  
 Driver: **REDACTED** Option(s): **Tailpipe modal & Bag** Inertia Weight: (lbs) **5500**  
 Operator: **REDACTED** Fuel Type: **MS10756** Road Load Coeff A: **16.02**  
 Start Odometer: **84873** Fuel Anal.#: **10933** Road Load Coeff B: **.0996**  
 AutoLoad File: **None** INCA Project File: **2016\_WK\_REDACTED.exp** Road Load Coeff C: **0.02978**  
 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 WKJS74 Granite Cr** Emissions Standard: **EPA**  
 Test Req. Purpose: **T6305PV56 - REDACTED - IUVT Consent Decree (2) 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	.0031	.0013	.0026	.0053	.0003	268.2	.0000	.0000	721.0	37.9659		10.239

**Modal Test Results:(Grams)**

Phase: 1

ACCEL	.0092	.0042	.0073	.0162	.0008	821.9	.0000	.0000	205.4	12.3784	0
CRUISE	.0124	.0055	.0102	.0225	.0011	1159.0	.0000	.0000	295.1	8.7793	0
DECEL	.0046	.0016	.0041	.0051	.0003	238.5	.0000	.0000	87.2	42.7499	0
STEADY	.0058	.0025	.0048	.0106	.0005	527.0	.0000	.0000	133.3	19.3077	0
TOTAL	.0320	.0138	.0265	.0544	.0026	2746.3	.0000	.0000	721.0		0

Phase: 1 Equivalent Mass Results: (Grams/Mile)

	<b>.0031</b>	<b>.0013</b>	<b>.0026</b>	<b>.0053</b>	<b>.0003</b>	<b>268.2</b>	<b>.0000</b>	<b>.0000</b>	<b>721.0</b>	<b>37.9659</b>	<b>0</b>	<b>10.239</b>
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**CVS Mass Results: (Grams/Mile)**

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00365	.00041	.00054	.00000	257.847	.00151	.0005	0.00068	39.4407

**Drive Metrics:**

	CSI	RMS
	6.636	.206

**SAE Drive Metrics:**

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	11,285,200	11,392,900	-0.946	16,473.6	16,506.7	-0.201	-0.753	-4.197	-5.410	0.2906

# Test Validation

**Test Validation:** Valid: Invalid: Retest: Accept: NIC: system Date: 01/27/2021 12:01:30

Validator's Comments:

## Test Options:

Option	Description
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.000
MINI DILUTER T/P DILUTION RATIO	9.000
DHFID Hangup value	.000
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.083
Bag Methane Response Factor	1.102
Soak Duration(Hrs)	20
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
Abort test on dead battery	Y
Abort Test on INCA Failure	Y
Augmented Braking	Y
Cert Mode	Y
DbW Available	Y
Diesel Test	Y
Hybrid Test	Y
Inca Requirement	Y
Mule Vehicle to Park	Y
Road (Var.) Speed Fan required	Y
Rolls Requirement	Y
SAE Calculations Required	Y

## Test Options

## Emission Summary Report

Weighted Dilution factor 11.150

### Sequence Purpose

HFET Emissions

### Engr. SpclInst

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

### Sampling Type List

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

### Test Request Purpose

T6305PV56 – **REDACTED** – IUVT Consent Decree (2) 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.**