

**EMISSIONS SUMMARY REPORT**

Vehicle ID: **T4305PV60 / JUJUB** Test ID: **T4305PV60\_HWFE2X020821012801 / 1111541278**  
 Test Req: **082012210159-5** Location: **CHRYSLER TECH CENTER**  
 Test Type: **HWFE(2X)** Facility: **Test Cell 8** Start Time: **01/28/2021 11:23:07**  
 Requestor: **REDACTED** Shift Sched.: **AUTO** Trace End: **01/28/2021 11:48:52**  
 Driver: **REDACTED** Option(s): **Tailpipe modal & Bag** Inertia Weight: (lbs) **5500**  
 Operator: **REDACTED** Fuel Type: **MS10756** Road Load Coeff A: **16.76**  
 Start Odometer: **96075** Fuel Anal.#: **10933** Road Load Coeff B: **.5257**  
 AutoLoad File: **None** INCA Project File: **2014\_WK\_REDACTED.exp** Road Load Coeff C: **0.02406**  
 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 WKJP74 Granite Cr** Emissions Standard: **EPA**  
 Test Req. Purpose: **T4305PV43 - REDACTED - IUVT Consent Decree 14MY 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	.0087	.0051	.0039	.0190	.0003	273.9	.0000	.0000	716.9	37.1299		10.242

**Modal Test Results:(Grams)**

Phase: 1

ACCEL	.0250	.0145	.0115	.0198	.0012	835.4	.0000	.0000	205.4	12.1850		0
CRUISE	.0366	.0220	.0164	.1550	.0012	1172.6	.0004	.0000	292.7	8.6724		0
DECEL	.0117	.0064	.0056	.0072	.0001	251.7	.0000	.0000	84.1	40.3716		0
STEADY	.0159	.0097	.0069	.0130	.0003	545.3	.0000	.0000	134.6	18.6690		0
TOTAL	.0892	.0526	.0404	.1950	.0028	2805.1	.0004	.0000	716.9			0

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

	<b>.0087</b>	<b>.0051</b>	<b>.0039</b>	<b>.0190</b>	<b>.0003</b>	<b>273.9</b>	<b>.0000</b>	<b>.0000</b>	<b>716.9</b>	<b>37.1299</b>	<b>0</b>	<b>10.242</b>
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**CVS Mass Results: (Grams/Mile)**

	<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	.00418	.02256	.00047	.00000	264.346	.00228	.0005	0.00187	38.5393

**Drive Metrics:**

	<b>CSI</b>	<b>RMS</b>
	3.754	.234

**SAE Drive Metrics:**

	<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	11,380,200	11,498,700	-1.031	16,484.6	16,507.9	-0.141	-0.899	-6.510	-7.931	0.3299

# Test Validation

**Test Validation:** Valid: Invalid: Retest: Accept: NIC: system Date: 01/28/2021 12:05:02

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	8.980
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 10.970

### 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

T4305PV43 – <sup>REDACTED</sup> – IUVT Consent Decree 14MY 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.**