

EMISSIONS SUMMARY REPORT

Vehicle ID: **T5305PV57 / GRW2758** Test ID: **T5305PV57_HWFE2X020821031601 / 1111541934**
 Test Req: **082012210408-5** Location: **CHRYSLER TECH CENTER**
 Test Type: **HWFE(2X)** Facility: **Test Cell 8** Start Time: **03/16/2021 11:30:36**
 Requestor: **REDACTED** Shift Sched.: **AUTO** Trace End: **03/16/2021 11:56:21**
 Driver: **REDACTED** Option(s): **Tailpipe modal & Bag** Inertia Weight: (lbs) **5500**
 Operator: **REDACTED** Fuel Type: **MS10756** Road Load Coeff A: **3.42**
 Start Odometer: **100711** Fuel Anal.#: **10958** Road Load Coeff B: **.2013**
 AutoLoad File: **None** INCA Project File: **T5305PV57_15DS30_ML.exp** Road Load Coeff C: **0.03464**
 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 DS DARK RED** Emissions Standard: **EPA**
 Test Req. Purpose: **T5305PV57 - REDACTED - IUVT Consent Decree 15MY 3.0L DSL DS (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	.0056	.0025	.0047	.0044	.0008	280.6	.0003	.0001	776.0	36.2104		10.242

Modal Test Results:(Grams)

Phase: 1

ACCEL	.0183	.0085	.0144	.0131	.0031	860.7	.0014	.0003	228.8	11.8176		0
CRUISE	.0225	.0096	.0201	.0184	.0033	1207.8	.0008	.0002	318.2	8.4230		0
DECEL	.0059	.0027	.0048	.0048	.0003	251.7	.0000	.0000	85.8	40.3772		0
STEADY	.0102	.0045	.0087	.0093	.0016	554.1	.0005	.0001	143.2	18.3663		0
TOTAL	.0568	.0253	.0481	.0455	.0082	2874.4	.0027	.0006	776.0			0

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

	.0056	.0025	.0047	.0044	.0008	280.6	.0003	.0001	776.0	36.2104	0	10.243
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CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00376	.00051	.00115	.00093	272.615	.00222	.0021	0.00305	37.2728

Drive Metrics:

	CSI	RMS
	7.089	.225

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	11,664,400	11,730,400	-0.563	16,481.1	16,506.9	-0.156	-0.409	-3.657	-4.436	0.3174

Test Validation

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / vp693 Date: 03/16/2021 19:28:34

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	9.060
DHFID Hangup value	.000
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.087
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
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

03/17/21 09:54:15

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Test Options

Emission Summary Report

Weighted Dilution factor 10.880

Sequence Purpose

HFET Emissions

Engr. SpclInst

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

Req Spcl Inst

Connect DCAN Cable – Automatically setting ROLLS MODE!

Sampling Type List

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

Test Request Purpose

T5305PV57 – REDACTED – IUVT Consent Decree 15MY 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.