

EMISSIONS SUMMARY REPORT

Vehicle ID: **T6305PV57 / CYE307** Test ID: **T6305PV57_HWFE2X020821031802 / 1111541970**
 Test Req: **082012210472-1** Location: **CHRYSLER TECH CENTER**
 Test Type: **HWFE(2X)** Facility: **Test Cell 8** Start Time: **03/18/2021 12:07:30**
 Requestor: **REDACTED** Shift Sched.: **AUTO** Trace End: **03/18/2021 12:33:15**
 Driver: **REDACTED** Option(s): **Tailpipe modal & Bag** Inertia Weight: (lbs) **6000**
 Operator: **REDACTED** Fuel Type: **MS10756** Road Load Coeff A: **-.6877**
 Start Odometer: **68168** Fuel Anal.#: **10958** Road Load Coeff B: **.3165**
 AutoLoad File: **None** INCA Project File: **T6305PV57_15DS30_MI.exp** Road Load Coeff C: **0.03295**
 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 DS6A98 Bright Whi** Emissions Standard: **EPA**
 Test Req. Purpose: **T6305PV57 -REDACTED - IUVT Consent Decree REGEN Cycles 16MY 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	.0067	.0034	.0045	.0058	.0002	286.0	.0000	.0000	802.2	35.5751		10.244

Modal Test Results:(Grams)

Phase: 1

ACCEL	.0203	.0105	.0135	.0178	.0008	877.4	.0000	.0000	230.2	11.6017	0
CRUISE	.0288	.0152	.0182	.0252	.0012	1237.0	.0002	.0000	333.9	8.2253	0
DECEL	.0080	.0034	.0064	.0054	.0002	265.0	.0000	.0000	94.7	38.3934	0
STEADY	.0111	.0054	.0082	.0115	.0003	550.1	.0000	.0000	143.4	18.4998	0
TOTAL	.0681	.0345	.0463	.0599	.0025	2929.5	.0002	.0000	802.2		0

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

	.0067	.0034	.0045	.0058	.0002	286.0	.0000	.0000	802.2	35.5751	0	10.244
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CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00234	.00000	.00083	.00000	277.864	.00186	.0008	0.00108	36.6033

Drive Metrics:

	CSI	RMS
	5.785	.204

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	11,981,100	12,093,000	-0.925	16,487.8	16,507.9	-0.122	-0.811	-5.302	-6.487	0.2868

Test Validation

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / cmd60 Date: 03/18/2021 13:17:45

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

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
Soak Duration(Hrs)	1
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.087
Bag Methane Response Factor	1.102
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 10.680

Sequence Purpose

HFET Emissions

Engr. SpclInst

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

Sampling Type List

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

Test Request Purpose

T6305PV57 – **REDACTED** – IUVT Consent Decree REGEN Cycles 16MY 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.