

**EMISSIONS SUMMARY REPORT**

Vehicle ID:	<b>T6305PV57 / CYE307</b>	Test ID:	<b>T6305PV57_US2XSP020821031801 / 1111541971</b>
Test Req:	<b>082012210472-2</b>	Location:	CHRYSLER TECH CENTER
Test Type:	<b>US06(2X) – using Split Bag US06</b>	Facility:	<b>Test Cell 8</b>
Requestor:	<b>REDACTED</b>	Shift Sched.:	AUTO
Driver:	<b>REDACTED</b>	Option(s):	Tailpipe modal & Bag
Operator:	<b>REDACTED</b>	Fuel Type:	MS10756
Start Odometer:	68185	Fuel Anal.#:	10958
AutoLoad File:	None	INCA Project File:	T6305PV57_15DS30_MI.exp
Cell Temp Set Pt (F):	75	Altitude Set Pt(ft.):	930
Test Segment:	3/3	Vehicle Desc.:	0.00 DS6A98 Bright Whi
Test Req. Purpose:	<b>T6305PV57 – REDACTED – IUVT Consent Decree REGEN Cycles 16MY 3.0L DSL DS (RL, PREP, FTP75, HFET, US06)</b>		
Seq. Purpose:	US06 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	.0118	.0068	.0085	.0162	.0280	621.7	.0216	.0087	55.5	16.3580		.264
Cycle2	.0074	.0042	.0051	.0107	.0528	505.9	.0492	.0075	154.4	20.1088		1.012
Cycle3	.0049	.0027	.0040	.0087	.0289	394.2	.0270	.0061	636.6	25.8249		6.233
Cycle4	.0190	.0086	.0161	.0224	.1382	771.8	.1099	.0404	96.9	13.1796		.275
Cycle5	.0167	.0094	.0120	.0239	.7234	872.5	.6975	.1720	62.9	11.6550		.220

**Modal Test Results:(Grams)**

Phase: 1

IDLE	.0009	.0003	.0010	.0009	.0004	28.1	.0000	.0000	12.8	.1808		0
ACCEL	.0095	.0063	.0051	.0182	.2184	941.8	.2213	.0383	217.8	8.3063		0
DECEL	.0092	.0039	.0084	.0075	.0391	110.5	.0177	.0205	139.2	92.4703		0
TOTAL	.0195	.0104	.0145	.0266	.2579	1080.4	.2390	.0588	369.8			0

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

	<b>.0110</b>	<b>.0059</b>	<b>.0082</b>	<b>.0150</b>	<b>.1456</b>	<b>609.9</b>	<b>.1349</b>	<b>.0332</b>	<b>369.8</b>	<b>16.6799</b>	<b>0</b>	<b>1.771</b>
--	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	----------------	----------	--------------

Phase: 2

IDLE	.0002	.0001	.0002	.0002	.0000	6.4	.0000	.0000	2.7	.1580		0
ACCEL	.0125	.0085	.0064	.0226	.1316	1110.7	.1234	.0297	254.8	17.3934		0
CRUISE	.0121	.0059	.0118	.0236	.0382	1086.0	.0362	.0061	269.2	28.5815		0
DECEL	.0056	.0021	.0063	.0077	.0102	253.8	.0086	.0020	109.8	51.3857		0
TOTAL	.0305	.0166	.0248	.0541	.1800	2456.9	.1682	.0378	636.6			0

Phase: 2 Equivalent Mass Results: (Grams/Mile)

	<b>.0049</b>	<b>.0027</b>	<b>.0040</b>	<b>.0087</b>	<b>.0289</b>	<b>394.2</b>	<b>.0270</b>	<b>.0061</b>	<b>636.6</b>	<b>25.8249</b>	<b>0</b>	<b>6.233</b>
--	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	----------------	----------	--------------

Phase: 1A

IDLE	.0004	.0001	.0004	.0004	.0000	12.1			5.2			0
ACCEL	.0051	.0038	.0025	.0110	.0588	596.2			131.3	9.5542		0
DECEL	.0051	.0021	.0045	.0038	.0021	68.3			73.4	107.0712		0
TOTAL	.0106	.0060	.0074	.0152	.0609	676.5			210.0			0

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

Modal Test Results

	.0087	.0047	.0058	.0119	.0477	529.8		210.0	19.1982	0	1.277
--	-------	-------	-------	-------	-------	-------	--	-------	---------	---	-------

Phase: 1B

IDLE	.0005	.0001	.0006	.0005	.0004	16.1		7.6	.3169	0
ACCEL	.0044	.0024	.0026	.0071	.1596	345.7		86.5	6.1667	0
DECEL	.0041	.0018	.0039	.0037	.0370	42.2		65.7	68.7276	0
TOTAL	.0089	.0044	.0071	.0114	.1970	403.9		159.8		0

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

	.0180	.0089	.0143	.0231	.3982	816.5		159.8	12.4538	0	.495	
<b>Total Equivalent Mass Results:(Grams/Mile)</b>	<b>.0062</b>	<b>.0034</b>	<b>.0049</b>	<b>.0101</b>	<b>.0547</b>	<b>441.9</b>	<b>.0509</b>	<b>.0121</b>	<b>1006.3</b>	<b>23.0204</b>	<b>0</b>	<b>8.004</b>

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMHC+NOX	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00666	.00336	.17254	.00021	692.562	.00227	.1727	.1727	0.00237	14.6836
Phase: 2	.00097	.00000	.03258	.00000	397.294	.00130	.0326	.0326	0.00000	25.6318
<b>CVS Total Mass Results:(Grams/Mile)</b>	<b>.00223</b>	<b>.00074</b>	<b>.06356</b>	<b>.00005</b>	<b>462.644</b>	<b>.00152</b>	<b>.0636</b>	<b>.0636</b>	<b>.00052</b>	<b>21.9779</b>

Drive Metrics:

CSI	RMS
-10.769	.360

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,560,590	4,604,540	-0.955	2,849.5	2,852.2	-0.095	-0.868	-0.292	0.002	0.6425
Phase: 2	10,725,900	10,945,600	-2.007	10,031.4	10,036.6	-0.052	-1.995	-7.472	-9.813	0.4113
<b>Final:</b>	<b>15,286,500</b>	<b>15,550,100</b>	<b>-1.696</b>	<b>12,880.9</b>	<b>12,888.8</b>	<b>-0.061</b>	<b>-1.662</b>	<b>-2.567</b>	<b>-4.775</b>	<b>0.5146</b>

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / vp693 Date: 03/18/2021 21:26:08

Validator's Comments:

Test Options:

Option	Description
Gain	.650
Constant Grade	.000

## Test Options

## Emission Summary Report

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)	2
Threshold	350
CVS K Coeff	638.530
Charging Type	CS
Trace Start Method	Flying
Pre Test Vehicle Temperature	Hot
Actual Driver	Human
CVS Venturi Selection	Medium
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
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
Wrap Cursor	Y
Weighted Dilution factor	15.040

### Sequence Purpose

US06 Emissions

### Engr. SpclInst

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

### Req Spcl Inst

Use 8 ft exhaust pipe and Extra cooling.

### Sampling Type List

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

### Test Request Purpose

## Test Comments

## Emission Summary Report

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.**