

EMISSIONS SUMMARY REPORT

Vehicle ID: **T5305PV63 / FCY9757** Test ID: **T5305PV63_EPA75_011620022101 / 578862655**
 Test Req: **082011200298-5** Location: **CHELSEA PROVING GROUNDS (Chrysler LLC)**
 Test Type: **EPA75** Facility: **Test Cell 16** Start Time: **02/21/2020 08:20:42**
 Requestor: **REDACTED** Shift Sched.: **AUTO** Trace End: **02/21/2020 09:01:14**
 Driver: **REDACTED** Option(s): **Tailpipe modal & Bag** Inertia Weight: (lbs) **5500**
 Operator: **REDACTED** Fuel Type: **MS10756** Road Load Coeff A: **21.54**
 Start Odometer: **69602** Fuel Anal.#: **10854** Road Load Coeff B: **.1523**
 AutoLoad File: **None** INCA Project File: **null** Road Load Coeff C: **0.02822**
 Cell Temp Set Pt: **75** Altitude Set Pt.(ft.): **0** Hum. Set Pt (Grains): **50.00**
 Test Segment: **1/1** Vehicle Desc.: **0.00 WKJT74 Brilliant** Emissions Standard: **EPA**
 Test Req. Purpose: **15MY-T03.05PV CERT - IUVT Consent Decree (RL, Prep, EPA75, HWY, US06) 3.0L WK A8 - Fed - MS10756 - BIN5**
 Seq. Purpose: **IUVP - EPA75**

	Individual Cycles:(Grams/Mile)											Tailpipe:	
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles	
Time-63	.2145	.0000	.0000	9.3704	.3632	691.3	.0000	.3632	42.5	14.4051		.207	
Cycle1	.4874	.0000	.0000	6.8492	.2500	535.7	.0000	.2500	91.4	18.5586		.671	
Cycle2	.1180	.0000	.0000	.0503	.1341	399.9	.0000	.1341	169.1	25.4108		1.962	
Cycle11	.0866	.0000	.0000	.0134	.0005	293.0	.0000	.0005	119.9	34.6952		1.362	
Cycle19	.1935	.0000	.0000	.4168	.0039	376.2	.0000	.0039	66.0	26.9721		.674	

Modal Test Results:(Grams)

Phase: 1

IDLE	.0373	.0000	.0000	.1894	.0176	65.0	.0000	.0176	31.9	155.5557		0
ACCEL	.1221	.0000	.0000	1.1464	.2167	636.4	.0000	.2167	137.6	15.9447		0
CRUISE	.3137	.0000	.0000	2.5013	.1459	651.5	.0000	.1459	140.6	15.4901		0
DECEL	.1078	.0000	.0000	.8827	.0552	218.3	.0000	.0552	83.4	46.3115		0
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0	.0000		0
TOTAL	.5809	.0000	.0000	4.7198	.4354	1571.4	.0000	.4354	393.4			0

Phase: 1 Equivalent Mass Results: (Grams/Mile)
.1616 .0000 .0000 1.3128 .1211 437.1 .0000 .1211 393.4 23.1494 0 3.595

Phase: 2

IDLE	.0051	.0000	.0000	.0052	.0002	60.1	.0000	.0002	36.3	169.5079		0
ACCEL	.1578	.0000	.0000	.0285	.0010	791.8	.0000	.0010	186.0	12.8394		0
CRUISE	.1004	.0000	.0000	.0247	.0008	492.2	.0000	.0008	151.1	20.6679		0
DECEL	.0413	.0000	.0000	.0156	.0005	198.2	.0000	.0005	102.9	51.3512		0
TOTAL	.3045	.0000	.0000	.0741	.0025	1542.2	.0000	.0025	476.2			0

Phase: 2 Equivalent Mass Results: (Grams/Mile)
.0787 .0000 .0000 .0191 .0006 398.4 .0000 .0006 476.2 25.5493 0 3.871

Phase: 3

IDLE	.0038	.0000	.0000	.0040	.0001	42.7	.0000	.0001	25.5	236.5773		0
ACCEL	.1074	.0000	.0000	.3376	.0137	575.2	.0000	.0137	126.4	17.6702		0

Modal Test Results										
ACCEL	.0897	.0000	.0460	.0034	516.8	.0000	.0034	116.4	19.6686	0
DECEL	.0456	.0000	.0760	.0014	167.4	.0000	.0014	91.3	60.8341	0
CRANK	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0	.0000	0
TOTAL	.2466	.0000	.4635	.0186	1302.1	.0000	.0186	359.6		0
Phase: 3 Equivalent Mass Results: (Grams/Mile)										
	.0686	.0000	.1289	.0052	362.1	.0000	.0052	359.6	28.0772	0 3.596
Weighted Total Equivalent Mass Results:(Grams/Mile)										
	.0931	.0000	.3172	.0268	396.5	.0000	.0268	1229.2	25.6449	0 11.061

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG	
Phase: 1	.16904	1.37842	.12817	.12863	456.518	.05213		.2568	0.17396	22.1348
Phase: 2	.07882	.00000	.00127	.01468	404.203	.06947		.0159	0.07489	25.1729
Phase: 3	.07089	.10131	.00700	.01707	367.231	.06199		.0241	0.07078	27.6982
CVS Weighted Mass Results:(Grams/Mile)										
	.09532	.31324	.02912	.03893	404.887	.06382		.0680	.09428	25.0769

Drive Metrics:

CSI	RMS
-6.268	.238

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,535,360	4,555,860	-0.450	5,785.1	5,779.4	0.098	-0.551	-1.717	-3.010	0.3053
Phase: 2	4,209,660	4,207,900	0.042	6,229.6	6,211.2	0.296	-0.254	-0.554	-0.382	0.2456
Phase: 3	4,551,910	4,555,820	-0.086	5,786.4	5,779.4	0.120	-0.206	-1.111	-1.835	0.2384
Final (Weighted):										
	8,754,450	8,763,730	-0.106	12,015.5	11,990.7	0.207	-0.313	-1.025	-1.307	0.2302

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / su48 Date: 02/21/2020 09:49:53

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

Test Options:

Option	Description
DHFID Hangup value	.010
Gain	.650
Constant Grade	.000

Test Options

Emission Summary Report

Background Particles	.000
Background Particles for PN	.000
MINI DILUTER T/P DILUTION RATIO	10.020
Weighted Dilution factor	14.890
Bag Methane Response Factor	1.000
DHFID Methane Response Factor	1.000
Tailpipe Methane Response Factor	1.000
Soak Duration(Hrs)	22
CVS K Coeff	272.490
Threshold	350
Pre Test Vehicle Temperature	Cold
Trace Start Method	Crank (Pendant)
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
Mule Vehicle to Park	Y
Rolls Requirement	Y
SAE Calculations Required	Y
WLTP Fan Required	Y

Sequence Purpose

IUVP – EPA75

Operator Comments

1.WLTP fan was used at 12"(From front of bumper) X 29"(Height)

System Comments

02/21/2020 08:36:54: Reported Bag NMHC is calculated, not from analyzer

Sampling Type List

DCVS , Diesel Tailpipe / Particulates – Multiple

Test Request Purpose

15MY–T03.05PV CERT – IUVT Consent Decree (RL, Prep, EPA75, HWY, US06) 3.0L WK A8 – Fed – MS10756 – BIN5

The results in this report relate only to this specific test.