

EMISSIONS SUMMARY REPORT

Vehicle ID: **T5305PV63 / FCY9757** Test ID: **T5305PV63_HWFE2X011620022101 / 578862656**
 Test Req: **082011200298-6** Location: **CHELSEA PROVING GROUNDS (Chrysler LLC)**
 Test Type: **HWFE(2X)** Facility: **Test Cell 16** Start Time: **02/21/2020 09:33:28**
 Requestor: **REDACTED** Shift Sched.: **AUTO** Trace End: **02/21/2020 09:59:13**
 Driver: **REDACTED** Option(s): **Tailpipe modal & Bag** Inertia Weight: (lbs) **5500**
 Operator: **REDACTED** Fuel Type: **MS10756** Road Load Coeff A: **21.54**
 Start Odometer: **69613** 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: **3/3** 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 - HWFE**

Individual Cycles:(Grams/Mile)	Tailpipe:											
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.0035	.0000	.0000	.0078	.0007	262.2	.0000	.0007	706.7	38.8348		10.262

Modal Test Results:(Grams)

Phase: 1

ACCEL	.0098	.0000	.0000	.0237	.0026	810.1	.0000	.0026	196.8	12.5618		0
CRUISE	.0150	.0000	.0000	.0329	.0027	1113.4	.0000	.0027	293.6	9.1419		0
DECEL	.0044	.0000	.0000	.0081	.0006	232.9	.0000	.0006	81.5	43.6677		0
STEADY	.0072	.0000	.0000	.0158	.0012	534.2	.0000	.0012	134.8	19.0539		0
TOTAL	.0363	.0000	.0000	.0805	.0071	2690.6	.0000	.0071	706.7			0

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

	.0035	.0000	.0000	.0078	.0007	262.2	.0000	.0007	706.7	38.8348	0	10.262
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CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG	
Phase: 1	.00255	.00000	.00035	.00085	261.294	.00233		.0012	0.00288	38.9864

Drive Metrics:

	CSI	RMS
	.568	.118

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	11,628,900	11,635,800	-0.060	16,516.5	16,507.3	0.055	-0.115	-0.600	-0.630	0.1651

Test Validation

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / su48 Date: 02/21/2020 10:32:32

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

Quick Check CoastDown:

	RUN #1	RUN #2	RUN #3	RUN #4
A=	57.9188	58.6205	58.9033	59.3950
B=	0.0605	-0.0079	0.0059	-0.0130
C=	0.0319	0.0323	0.0321	0.0323

Match Time	55-45 MPH Coastdown time from measured coefficients				Avg. Time
18.0500 sec	18.0277 sec	18.3062 sec	18.2385 sec	18.2317 sec	18.2588 sec
	99.88%	101.42%	101.04%	101.01%	101.16%

Test Options:

Option	Description
Constant Grade	.000
Threshold	0
Gain	.000
Background Particles	.000
Background Particles for PN	.000
MINI DILUTER T/P DILUTION RATIO	9.950
Weighted Dilution factor	16.340
DHFID Hangup value	.000
Bag Methane Response Factor	1.000
DHFID Methane Response Factor	1.000
Tailpipe Methane Response Factor	1.000
Soak Duration(Hrs)	23
CVS K Coeff	426.213
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

Test Options

Emission Summary Report

OBD II Monitor	None Requested
Abort test on dead battery	Y
Abort Test on INCA Failure	Y
Cert Mode	Y
DbW Available	Y
Diesel Test	Y
Hybrid Test	Y
Quick Check Coast Downs	Y
SAE Calculations Required	Y
WLTP Fan Required	Y

Sequence Purpose

IUVP – HWFE

Operator Comments

WLTP fan was set to 12" X 29"

System Comments

02/21/2020 10:07:00: Reported Bag NMHC is calculated, not from analyzer

02/21/2020 10:11:20: CoastDown Succeeded, The Average Coastdown time is 18.26,The match time is 18.05, The Average Coastdown time is 101.16 percent of Given Match time.

Sampling Type List

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

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.