

EMISSIONS SUMMARY REPORT

Vehicle ID:	T5305PV43 / HUNTMUP	Test ID:	T5305PV43_EPA75_020821012601 / 1111541242
Test Req:	082012210146-4	Location:	CHRYSLER TECH CENTER
Test Type:	EPA75	Facility:	Test Cell 8
Requestor:	REDACTED	Shift Sched.:	AUTO
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag
Operator:	REDACTED	Fuel Type:	MS10756
Start Odometer:	85661	Fuel Anal.#:	10933
AutoLoad File:	None	INCA Project File:	2015_WK_ ^{REDACTED} .exp
Cell Temp Set Pt (F):	75	Altitude Set Pt(ft.):	930
Test Segment:	1/1	Vehicle Desc.:	0.00 WKJP74 Granite Cr
Test Req. Purpose:	T5305PV43 – ^{REDACTED}	– IUVT Consent Decree 15MY 3.0L DSL WK (RL, PREP, FTP75, HFET, US06)	
Seq. Purpose:	cFTP75 Emissions		

	Individual Cycles:(Grams/Mile)											Tailpipe:	
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles	
Time-63	.3002	.2101	.0931	10.8348	.4272	859.9	.4194	.0801	45.4	11.5902		.205	
Cycle1	.7639	.5244	.2619	6.1718	.2576	624.8	.2522	.0324	98.3	15.9716		.672	
Cycle2	.1271	.0902	.0400	.0166	.1406	423.4	.1346	.0149	190.3	24.0316		1.962	
Cycle11	.1203	.0083	.1241	.0089	.0006	313.4	.0000	.0000	128.2	32.4695		1.360	
Cycle19	.3325	.0392	.3238	.5017	.0059	411.6	.0040	.0001	62.2	24.5889		.671	

Modal Test Results:(Grams)

Phase: 1												
IDLE	.0425	.0309	.0128	.3555	.0256	112.7	.0250	.0003	34.6	89.4980		0
ACCEL	.1598	.0988	.0564	1.2832	.2720	777.0	.2709	.0292	154.3	13.0540		0
CRUISE	.5043	.3390	.1784	1.8144	.1123	692.8	.1068	.0067	146.6	14.5902		0
DECEL	.0797	.0700	.0231	.7414	.0533	126.0	.0417	.0151	94.6	79.8626		0
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.1			0
TOTAL	.7863	.5386	.2707	4.1945	.4631	1708.5	.4444	.0513	430.3			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.2188	.1499	.0753	1.1674	.1289	475.5	.1237	.0143	430.3	21.3091	0	3.593
Phase: 2												
IDLE	.0077	.0004	.0085	.0035	.0004	105.9	.0000	.0000	37.4	95.9754		0
ACCEL	.2470	.0176	.2488	.0618	.0025	926.6	.0000	.0000	200.1	10.9668		0
CRUISE	.1160	.0139	.1186	.0179	.0014	515.6	.0000	.0000	179.2	19.7053		0
DECEL	.0190	.0021	.0254	.0107	.0006	93.5	.0000	.0000	127.2	108.1660		0
TOTAL	.3897	.0340	.4014	.0939	.0048	1641.6	.0000	.0000	543.8			0
Phase: 2	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.1009	.0088	.1039	.0243	.0012	425.0	.0000	.0000	543.8	23.9233	0	3.863
Phase: 3												
IDLE	.0046	.0001	.0060	.0026	.0001	68.6	.0000	.0000	25.8	147.4418		0
ACCEL	.1522	.0232	.1542	.3313	.0432	679.2	.0359	.0120	133.1	14.9644		0
CRUISE	.1407	.0012	.1540	.0146	.0020	535.3	.0002	.0000	118.6	19.0038		0

Modal Test Results												
CO2	.0338	.0237	.0006	98.5	.0002	.0000	84.5	103.7278	0			
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0	0		
TOTAL	.3192	.0268	.3480	.3723	.0459	1381.6	.0363	.0120	362.0	0		
Phase: 3 <u>Equivalent Mass Results: (Grams/Mile)</u>												
	.0890	.0075	.0971	.1038	.0128	385.3	.0101	.0033	362.0	26.4006	0	3.585
Weighted Total Equivalent Mass Results:(Grams/Mile)												
	.1221	.0377	.0961	.2830	.0309	424.6	.0284	.0039	1336.1	23.8966	0	11.042

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.21677	1.17924	.13355	.15163	474.963	.06968	.2852	0.21807	21.3086
Phase: 2	.10402	.02274	.00119	.01122	428.693	.09122	.0124	0.09823	23.7010
Phase: 3	.09868	.08407	.02417	.00756	377.554	.08892	.0317	0.09238	26.8905
CVS Weighted Mass Results:(Grams/Mile)									
	.12592	.27921	.03492	.03931	424.250	.08612	.0742	.12146	23.9530

Drive Metrics:

CSI	RMS
-10.057	.335

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,433,760	4,490,920	-1.273	5,781.9	5,779.2	0.046	-1.336	-2.613	-3.817	0.3774
Phase: 2	4,119,830	4,169,340	-1.187	6,215.3	6,211.5	0.062	-1.264	-1.084	-1.718	0.3667
Phase: 3	4,451,350	4,490,940	-0.882	5,768.3	5,779.2	-0.189	-0.699	-2.514	-3.856	0.3809
Final (Weighted):										
	8,563,610	8,660,270	-1.116	11,989.4	11,990.7	-0.010	-1.118	-1.895	-2.720	0.3282

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / spp23 Date: 01/28/2021 13:23:32

Validator's Comments:

Test Options:

Option	Description
DHFID Hangup value	.003
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	9.000
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.083
Bag Methane Response Factor	1.102
Soak Duration(Hrs)	22
CVS K Coeff	278.855
Threshold	350
Pre Test Vehicle Temperature	Cold
Trace Start Method	Crank (Pendant)
Charging Type	CS
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
Weighted Dilution factor	14.270

Sequence Purpose

cFTP75 Emissions

Engr. SpclInst

Engineer needs to collect DiagaRA data at the end of phases 2 and 3.

Sampling Type List

DCVS , Diesel Tailpipe / Particulates – Multiple

Test Request Purpose

T5305PV43 – REDACTED – IUVT Consent Decree 15MY 3.0L DSL WK (RL, PREP, FTP75, HFET, US06)

Informational Report Comments

ProcLnch – Initialization failure for INCA! Retry?

Test Comments

Emission Summary Report

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