

EMISSIONS SUMMARY REPORT

Vehicle ID:	T4305PV60 / JUJUB	Test ID:	T4305PV60_US2XSP020821012801 / 1111541279		
Test Req:	082012210159-6	Location:	CHRYSLER TECH CENTER		
Test Type:	US06(2X) – using Split Bag US06	Facility:	Test Cell 8	Start Time:	01/28/2021 12:18:06
Requestor:	REDACTED	Shift Sched.:	AUTO	Trace End:	01/28/2021 12:39:37
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag	Inertia Weight: (lbs)	5500
Operator:	REDACTED	Fuel Type:	MS10756	Road Load Coeff A:	16.76
Start Odometer:	96095	Fuel Anal.#:	10933	Road Load Coeff B:	.5257
AutoLoad File:	None	INCA Project File:	2014_WK_ REDACTED .exp	Road Load Coeff C:	0.02406
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 WKJP74 Granite Cr	Emissions Standard:	EPA
Test Req. Purpose:	T4305PV43 – REDACTED – IUVT Consent Decree 14MY 3.0L DSL WK (RL, PREP, FTP75, HFET, US06)				
Seq. Purpose:	US06 Emissions				

	Individual Cycles:(Grams/Mile)					Tailpipe:						
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.0042	.0012	.0065	.0186	.0063	600.0	.0057	.0004	47.3	16.9585		.263
Cycle2	.0032	.0011	.0043	.0124	.0134	469.4	.0128	.0022	133.7	21.6957		1.013
Cycle3	.0009	.0002	.0028	.0101	.0034	359.8	.0028	.0006	572.1	28.2647		6.233
Cycle4	.0014	.0001	.0125	.0262	.0095	747.3	.0066	.0015	79.5	13.6213		.274
Cycle5	.0016	.0003	.0083	.0221	.1270	786.2	.1254	.0322	54.6	12.9457		.226

Modal Test Results:(Grams)

Phase: 1												
IDLE	.0003	.0000	.0008	.0011	.0000	23.3	.0000	.0000	11.5	.2621		0
ACCEL	.0022	.0010	.0043	.0196	.0419	883.4	.0430	.0076	187.6	8.9023		0
DECEL	.0027	.0005	.0062	.0089	.0047	109.7	.0017	.0024	115.9	93.3346		0
TOTAL	.0051	.0015	.0114	.0296	.0466	1016.4	.0447	.0100	315.0			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0029	.0008	.0064	.0167	.0262	572.0	.0252	.0056	315.0	17.7886	0	1.777
Phase: 2												
IDLE	.0001	.0000	.0002	.0002	.0000	5.1	.0000	.0000	2.4			0
ACCEL	.0016	.0005	.0046	.0252	.0194	1016.9	.0172	.0037	221.9	19.0196		0
CRUISE	.0025	.0006	.0073	.0280	.0013	992.6	.0001	.0000	246.2	31.3084		0
DECEL	.0014	.0002	.0050	.0094	.0003	227.6	.0001	.0000	101.6	57.1615		0
TOTAL	.0055	.0013	.0172	.0629	.0209	2242.2	.0174	.0037	572.1			0
Phase: 2	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0009	.0002	.0028	.0101	.0034	359.8	.0028	.0006	572.1	28.2647	0	6.233
Phase: 1A												
IDLE	.0002	.0000	.0003	.0005	.0000	10.0			4.6	.1020		0
ACCEL	.0018	.0009	.0021	.0121	.0150	553.2			110.8	10.2782		0
DECEL	.0023	.0004	.0036	.0048	.0003	70.3			65.5	103.8082		0
TOTAL	.0044	.0014	.0060	.0174	.0153	633.4			181.0			0
Phase: 1A	<u>Equivalent Mass Results: (Grams/Mile)</u>											

Modal Test Results

	.0011	.0047	.0137	.0120	496.3		181.0	20.5147	0	1.276
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Phase: 1B

IDLE	.0001	.0000	.0005	.0007	.0000	13.3	6.8	.3821	0
ACCEL	.0003	.0001	.0022	.0075	.0269	330.2	76.8	6.5860	0
DECEL	.0003	.0000	.0027	.0040	.0044	39.4	50.4	73.7278	0
TOTAL	.0007	.0001	.0053	.0122	.0313	383.0	134.0		0

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

	.0015	.0002	.0106	.0244	.0626	764.9	134.0	13.3011	0	.501
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Total Equivalent Mass Results: (Grams/Mile)

	.0013	.0004	.0036	.0116	.0084	406.8	.0078	.0017	887.1	25.0009	0	8.010
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CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMHC+NOX	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.01004	.00000	.02989	.00000	632.020	.00310	.0299	.0299	0.00264	16.1007
Phase: 2	.00284	.00148	.00428	.00000	360.102	.00048	.0043	.0043	0.00027	28.2662

CVS Total Mass Results: (Grams/Mile)

	.00444	.00115	.00996	.00000	420.426	.00106	.0100	.0100	.00079	24.2280
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Drive Metrics:

CSI	RMS
-16.808	.303

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,247,690	4,273,280	-0.599	2,860.8	2,852.1	0.302	-0.906	-1.010	-0.679	0.6012
Phase: 2	9,821,210	10,054,900	-2.325	10,029.6	10,035.6	-0.060	-2.319	-10.300	-13.546	0.2688
Final:	14,068,900	14,328,200	-1.810	12,890.3	12,887.7	0.020	-1.864	-3.953	-6.940	0.4310

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 01/28/2021 13:08:12

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	8.980
DHFID Hangup value	.000
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.083
Bag Methane Response Factor	1.102
Soak Duration(Hrs)	21
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	16.120

Sequence Purpose

US06 Emissions

Engr. SpclInst

Engineer needs to collect DiagaRA data at the end of 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

T4305PV43 – REDACTED – IUVT Consent Decree 14MY 3.0L DSL WK (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.