

EMISSIONS SUMMARY REPORT

Vehicle ID:	T6305PV56 / HQ61U	Test ID:	T6305PV56_US2XSP020821012701 / 1111541262
Test Req:	082012210154-4	Location:	CHRYSLER TECH CENTER
Test Type:	US06(2X) – using Split Bag US06	Facility:	Test Cell 8
Requestor:	REDACTED	Shift Sched.:	AUTO
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag
Operator:	REDACTED	Fuel Type:	MS10756
Start Odometer:	84893	Fuel Anal.#:	10933
AutoLoad File:	None	INCA Project File:	2016_WK_ REDACTED .exp
Cell Temp Set Pt (F):	75	Altitude Set Pt(ft.):	930
Test Segment:	3/3	Vehicle Desc.:	0.00 WKJS74 Granite Cr
Test Req. Purpose:	T6305PV56 – REDACTED – IUVT Consent Decree (2) 16MY 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	.0107	.0039	.0093	.0167	.0248	610.6	.0166	.0094	49.7	16.6526		.265
Cycle2	.0062	.0031	.0045	.0108	.0309	464.9	.0289	.0049	135.4	21.8819		1.017
Cycle3	.0032	.0012	.0036	.0084	.0184	363.5	.0170	.0031	574.8	27.9536		6.238
Cycle4	.0178	.0024	.0224	.0221	.1224	724.6	.0963	.0326	83.9	14.0339		.276
Cycle5	.0170	.0054	.0156	.0199	.5783	778.0	.5542	.1370	57.3	13.0780		.224

Modal Test Results:(Grams)

Phase: 1												
IDLE	.0009	.0002	.0011	.0009	.0002	23.6	.0000	.0000	12.0	.3447		0
ACCEL	.0094	.0040	.0073	.0180	.1752	879.7	.1740	.0332	191.7	8.9649		0
DECEL	.0075	.0018	.0084	.0071	.0261	106.1	.0106	.0140	122.5	96.8776		0
TOTAL	.0178	.0060	.0168	.0259	.2015	1009.4	.1846	.0472	326.3			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0100	.0034	.0094	.0145	.1130	566.2	.1035	.0265	326.3	17.9770	0	1.783
Phase: 2												
IDLE	.0002	.0000	.0002	.0002	.0000	5.2	.0000	.0000	2.5			0
ACCEL	.0064	.0033	.0067	.0215	.0771	1029.7	.0722	.0141	225.5	18.7737		0
CRUISE	.0090	.0032	.0092	.0235	.0320	1002.0	.0294	.0047	245.7	31.0215		0
DECEL	.0046	.0008	.0063	.0075	.0057	230.9	.0043	.0008	101.1	56.5234		0
TOTAL	.0202	.0073	.0224	.0527	.1149	2267.7	.1059	.0196	574.8			0
Phase: 2	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0032	.0012	.0036	.0084	.0184	363.5	.0170	.0031	574.8	27.9536	0	6.238
Phase: 1A												
IDLE	.0004	.0001	.0004	.0004	.0000	10.1			4.8	.1012		0
ACCEL	.0050	.0030	.0030	.0112	.0368	555.5			113.5	10.2884		0
DECEL	.0037	.0011	.0037	.0038	.0012	69.3			66.7	105.9633		0
TOTAL	.0091	.0041	.0071	.0154	.0380	634.8			185.0			0
Phase: 1A	<u>Equivalent Mass Results: (Grams/Mile)</u>											

Modal Test Results										
Phase: 1B										
IDLE	.0005	.0001	.0007	.0005	.0001	13.6	7.2	.5252	0	
ACCEL	.0044	.0010	.0043	.0068	.1384	324.3	78.2	6.7074	0	
DECEL	.0038	.0008	.0047	.0033	.0249	36.7	55.8	79.4633	0	
TOTAL	.0087	.0019	.0097	.0106	.1634	374.6	141.2		0	
Phase: 1B Equivalent Mass Results: (Grams/Mile)										
	.0175	.0037	.0194	.0211	.3266	748.5	141.2	13.5843	0	.500
Total Equivalent Mass Results: (Grams/Mile)										
	.0047	.0017	.0049	.0098	.0394	408.6	.0362	.0083	901.1	24.8778

CVS Mass Results: (Grams/Mile)										
	HC	CO	NOX	NMHC	CO2	CH4	NMHC+NOX	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.01157	.00429	.13350	.00000	631.826	.00237	.1335	.1335	0.00022	16.1010
Phase: 2	.00211	.00104	.02036	.00000	362.846	.00076	.0204	.0204	0.00000	28.0326
CVS Total Mass Results: (Grams/Mile)										
	.00421	.00176	.04551	.00000	422.632	.00112	.0455	.0455	.00005	24.0563

Drive Metrics:	
CSI	RMS
-11.957	.316

SAE Drive Metrics:										
	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,255,250	4,264,020	-0.206	2,870.4	2,852.1	0.642	-0.850	-0.192	-0.299	0.5690
Phase: 2	9,916,830	10,127,900	-2.084	10,039.0	10,036.8	0.021	-2.150	-8.893	-11.574	0.3512
Final:	14,172,100	14,392,000	-1.528	12,909.4	12,889.0	0.158	-1.712	-2.947	-5.784	0.4495

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 01/27/2021 13:04:35

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	9.000
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	15.900

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

T6305PV56 – **REDACTED** – IUVT Consent Decree (2) 16MY 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.