

EMISSIONS SUMMARY REPORT

Vehicle ID:	T4305PV62 / 555YDE	Test ID:	T4305PV62_US2XSP020822032301 / 1111545787
Test Req:	082012220393-6	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:	107848	Fuel Anal.#:	11022
AutoLoad File:	None	INCA Project File:	T4305PV62_14MY_WK_CD_IUVT.exp
Cell Temp Set Pt (F):	75	Altitude Set Pt(ft.):	930
Test Segment:	3/3	Vehicle Desc.:	0.00 WK GRAY
Test Req. Purpose:	T4305PV62 – Kuhn – IUVT Consent Decree Witness Testing 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	.0135	.0085	.0069	.0036	.0086	637.4	.0083	.0011	46.0	15.9735		.265
Cycle2	.0075	.0048	.0038	.0022	.0228	497.6	.0231	.0031	133.3	20.4325		1.013
Cycle3	.0045	.0031	.0019	.0025	.0088	372.1	.0087	.0013	567.7	27.3534		6.233
Cycle4	.0216	.0128	.0112	.0069	.0379	954.3	.0384	.0069	80.0	10.6655		.276
Cycle5	.0155	.0116	.0061	.0044	.2310	899.6	.2399	.0358	52.4	11.3058		.221

Modal Test Results:(Grams)

Phase: 1												
IDLE	.0010	.0004	.0007	.0003	.0001	20.3	.0000	.0000	11.5	.2005		0
ACCEL	.0123	.0084	.0057	.0040	.0595	926.3	.0727	.0033	185.4	8.4723		0
DECEL	.0072	.0043	.0037	.0018	.0274	188.6	.0165	.0099	114.8	54.1203		0
TOTAL	.0205	.0132	.0101	.0061	.0869	1135.2	.0892	.0132	311.7			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0116	.0074	.0057	.0034	.0490	639.5	.0503	.0074	311.7	15.8988	0	1.775
Phase: 2												
IDLE	.0002	.0001	.0002	.0001	.0000	4.6	.0000	.0000	2.4	.2226		0
ACCEL	.0097	.0067	.0041	.0054	.0438	1055.1	.0449	.0071	221.0	18.2685		0
CRUISE	.0120	.0088	.0046	.0078	.0083	1013.0	.0079	.0005	243.9	30.7415		0
DECEL	.0061	.0037	.0029	.0025	.0026	246.5	.0012	.0004	100.4	52.9947		0
TOTAL	.0280	.0193	.0118	.0158	.0548	2319.2	.0540	.0080	567.7			0
Phase: 2	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0045	.0031	.0019	.0025	.0088	372.1	.0087	.0013	567.7	27.3534	0	6.233
Phase: 1A												
IDLE	.0004	.0002	.0003	.0001	.0000	9.3			4.6			0
ACCEL	.0066	.0046	.0032	.0022	.0232	568.7			109.3	9.9662		0
DECEL	.0041	.0023	.0022	.0009	.0022	95.1			65.3	77.0785		0

Total Test Results										
Phase: 1A	.0071	.0056	.0032	.0254	673.0		179.3			0
<u>Equivalent Mass Results: (Grams/Mile)</u>										
	.0087	.0055	.0044	.0025	.0199	526.6	179.3	19.3079	0	1.278
Phase: 1B										
IDLE	.0006	.0003	.0004	.0002	.0001	11.0	6.9	.3689		0
ACCEL	.0057	.0038	.0025	.0018	.0363	357.6	76.1	6.1039		0
DECEL	.0031	.0020	.0016	.0008	.0252	93.6	49.5	30.6469		0
TOTAL	.0094	.0061	.0044	.0029	.0615	462.2	132.4			0
Phase: 1B <u>Equivalent Mass Results: (Grams/Mile)</u>										
	.0189	.0123	.0089	.0058	.1237	930.0	132.4	10.9409	0	.497
Total Equivalent Mass Results:(Grams/Mile)										
	.0061	.0041	.0027	.0027	.0177	431.4	.0179	.0026	879.4	23.6088

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMHC+NOX	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00305	.00000	.05087	.00000	626.230	.00307	.0509	.0509	0.00259	16.2551
Phase: 2	.00081	.00000	.00914	.00000	361.594	.00062	.0091	.0091	0.00047	28.1100
CVS Total Mass Results:(Grams/Mile)										
	.00131	.00000	.01839	.00000	420.249	.00116	.0184	.0184	.00094	24.2280

Drive Metrics:

CSI	RMS
-18.058	.379

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,254,450	4,287,780	-0.777	2,856.5	2,852.1	0.154	-0.939	-1.176	-0.992	0.7054
Phase: 2	9,948,660	10,162,500	-2.104	10,031.6	10,035.8	-0.041	-2.107	-11.068	-14.638	0.4052
Final:	14,203,100	14,450,300	-1.711	12,888.2	12,887.9	0.002	-1.742	-4.309	-7.630	0.5432

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / mh1294 Date: 03/24/2022 08:41:57

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

Test Options

Emission Summary Report

Test Options:

Option	Description
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.004
MINI DILUTER T/P DILUTION RATIO	10.290
DHFID Hangup value	.000
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.089
Bag Methane Response Factor	1.102
Soak Duration(Hrs)	24
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
Cert Mode	Y
Road (Var.) Speed Fan required	Y
Rolls Requirement	Y
Wrap Cursor	Y
Diesel Test	Y
Augmented Braking	Y
Inca Requirement	Y
Abort Test on INCA Failure	Y
Abort test on dead battery	Y
Hybrid Test	Y
Mule Vehicle to Park	Y
SAE Calculations Required	Y
Weighted Dilution factor	16.090

Sequence Purpose

US06 Emissions

Engr. SpclInst

Engineer needs to collect DiagRA data at the end of the drive cycle.

Req Spcl Inst

Use 8 ft exhaust pipe and Extra cooling.

Connect DCAN Cable – Automatically setting ROLLS MODE!

Sampling Type List

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

Test Request Purpose

T4305PV62 – Kuhn – IUVT Consent Decree Witness Testing 14MY 3.0L DSL WK (RL, PREP, FTP75, HFET, US06)

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