

EMISSIONS SUMMARY REPORT

Vehicle ID:	T4305PV62 / 555YDE	Test ID:	T4305PV62_EPA75_020822032301 / 1111545785
Test Req:	082012220393-4	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:	107816	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:	1/1	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:	cFTP75 Emissions		

	Individual Cycles:(Grams/Mile)			Tailpipe:								
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Time-63	.2624	.1762	.0769	9.9239	.5948	830.6	.6266	.0498	45.7	12.0080		.205
Cycle1	.5380	.3899	.1584	7.1344	.3230	615.5	.3286	.0222	99.7	16.2058		.670
Cycle2	.1252	.0725	.0595	.0341	.1761	448.3	.1761	.0101	196.0	22.6914		1.956
Cycle11	.1864	.0152	.1844	.0017	.0000	291.0	.0000	.0000	92.7	34.8977		1.353
Cycle19	.2782	.0332	.2658	.0266	.0123	416.5	.0109	.0000	66.7	24.3482		.670

Modal Test Results:(Grams)

Phase: 1												
IDLE	.0401	.0259	.0153	.2019	.0204	97.6	.0200	.0000	34.4	103.3696		0
ACCEL	.1356	.0822	.0634	1.1341	.2973	781.6	.3106	.0154	157.7	12.9759		0
CRUISE	.3444	.2264	.1163	2.5388	.1459	699.5	.1406	.0072	150.2	14.4321		0
DECEL	.1003	.0731	.0410	.9796	.0979	180.2	.0935	.0120	96.7	55.9550		0
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.1			0
TOTAL	.6204	.4076	.2360	4.8544	.5616	1759.0	.5647	.0346	439.0			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.1733	.1139	.0659	1.3558	.1568	491.3	.1577	.0097	439.0	20.6119	0	3.580
Phase: 2												
IDLE	.0064	.0009	.0062	.0011	.0000	93.2	.0000	.0000	37.8	109.3951		0
ACCEL	.2223	.0188	.2032	.0053	.0003	874.8	.0000	.0000	189.1	11.6200		0
CRUISE	.1852	.0179	.1860	.0035	.0000	466.2	.0000	.0000	124.5	21.8091		0
DECEL	.0374	.0071	.0429	.0022	.0000	153.9	.0000	.0000	86.5	66.0265		0
TOTAL	.4514	.0447	.4384	.0121	.0003	1588.1	.0000	.0000	437.9			0
Phase: 2	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.1173	.0116	.1140	.0031	.0001	412.9	.0000	.0000	437.9	24.6167	0	3.847
Phase: 3												
IDLE	.0047	.0005	.0048	.0011	.0000	59.7	.0000	.0000	25.5	169.5522		0

Modal Test Results											
ACCEL	.1314	.0139	.1261	.0484	.0392	666.2	.0420	.0032	135.1	15.2683	0
CRUISE	.1662	.0178	.1582	.0114	.0054	539.3	.0027	.0012	119.8	18.8601	0
DECEL	.0356	.0076	.0418	.0044	.0024	130.6	.0018	.0000	86.5	77.6104	0
CRANK	.0000	.0000	.0000	.0000	.0000	.1	.0000	.0000	.1		0
TOTAL	.3289	.0388	.3310	.0653	.0469	1395.8	.0465	.0044	366.9		0
Phase: 3 Equivalent Mass Results: (Grams/Mile)											
	.0920	.0109	.0926	.0183	.0131	390.5	.0130	.0012	366.9	26.0702	0 3.575
Weighted Total Equivalent Mass Results:(Grams/Mile)											
	.1220	.0326	.0981	.2877	.0362	423.0	.0363	.0023	1243.8	24.0085	0 11.002

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.16130	1.34568	.15184	.10530	474.635	.06198	.2571	0.16443	21.3043
Phase: 2	.11092	.00000	.00022	.00737	391.380	.10939	.0076	0.11178	26.0015
Phase: 3	.09072	.00938	.01307	.00810	374.431	.08682	.0212	0.09095	27.1860
CVS Weighted Mass Results:(Grams/Mile)									
	.11582	.28152	.03518	.02787	403.984	.09336	.0631	.11697	25.1372

Drive Metrics:

CSI	RMS
-10.014	.352

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,500,330	4,555,730	-1.216	5,762.9	5,779.3	-0.284	-0.944	-2.724	-3.761	0.4013
Phase: 2	4,149,060	4,207,450	-1.388	6,190.9	6,211.1	-0.325	-1.078	-0.991	-1.555	0.3711
Phase: 3	4,508,340	4,556,070	-1.048	5,754.8	5,779.2	-0.423	-0.631	-2.208	-3.402	0.4193
Final (Weighted):										
	8,653,960	8,763,380	-1.249	11,949.1	11,990.3	-0.343	-0.917	-1.800	-2.500	0.3449

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / mh1294 Date: 03/23/2022 14:40:11

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECK

Test Options

Emission Summary Report

Test Options:

Option	Description
DHFID Hangup value	.012
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
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.089
Bag Methane Response Factor	1.102
Soak Duration(Hrs)	22
Threshold	350
CVS K Coeff	278.855
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
Cert Mode	Y
Road (Var.) Speed Fan required	Y
Rolls Requirement	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
DbW Available	Y
Weighted Dilution factor	15.020

Sequence Purpose

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Test Comments

Emission Summary Report

cFTP75 Emissions

Engr. SpclInst

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

Req Spcl Inst

Connect DCAN Cable – Automatically setting ROLLS MODE!

Sampling Type List

DCVS , Diesel Tailpipe / Particulates – Multiple

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.