

**EMISSIONS SUMMARY REPORT**

Vehicle ID:	<b>T6305PV193 / DAX4387</b>	Test ID:	<b>T6305PV193_EPA75_020822020901 / 1111545425</b>
Test Req:	<b>082012220176-2</b>	Location:	CHRYSLER TECH CENTER
Test Type:	<b>EPA75</b>	Facility:	<b>Test Cell 8</b>
Requestor:	<b>REDACTED</b>	Shift Sched.:	AUTO
Driver:	<b>REDACTED</b>	Option(s):	Tailpipe modal & Bag
Operator:	<b>REDACTED</b>	Fuel Type:	MS10756
Start Odometer:	90577	Fuel Anal.#:	11022
AutoLoad File:	None	INCA Project File:	T6305PV193_16MY_30L_DSL_WK.exp
Cell Temp Set Pt (F):	75	Altitude Set Pt(ft.):	930
Test Segment:	1/1	Vehicle Desc.:	0.00 WK BLUE
Test Req. Purpose:	T6305PV193 – LADA – IUVT Consent Decree 16MY 3.0L DSL WK (PREP, FTP75, HFET, US06)		
Seq. Purpose:	cFTP75 Emissions		

	Individual Cycles:(Grams/Mile)											
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Time-63	.2113	.1295	.0742	9.7887	.4188	809.8	.4454	.0330	45.8	12.3186		.206
Cycle1	.7722	.6118	.1712	8.1339	.2679	600.2	.2686	.0188	99.0	16.5400		.669
Cycle2	.2599	.2015	.0671	.0588	.2145	452.0	.2142	.0186	200.5	22.4672		1.962
Cycle11	.1608	.0197	.1526	.0033	.0011	288.4	.0000	.0000	97.6	35.2702		1.361
Cycle19	.3032	.0492	.2747	.0130	.0267	424.9	.0234	.0037	68.9	23.8882		.671

**Modal Test Results:(Grams)**

Phase: 1												
IDLE	.0641	.0502	.0148	.3066	.0217	98.3	.0211	.0000	34.6	103.1088		0
ACCEL	.2610	.2101	.0625	1.1125	.3757	782.8	.3804	.0348	157.9	12.9534		0
CRUISE	.5821	.4345	.1438	3.1856	.1463	692.1	.1333	.0131	144.2	14.5606		0
DECEL	.1628	.1413	.0390	.9674	.0827	187.3	.0802	.0107	101.5	53.8286		0
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.1			0
TOTAL	1.0701	.8361	.2601	5.5721	.6264	1760.4	.6150	.0586	438.2			0
Phase: 1	<b>.2981</b>	<b>.2329</b>	<b>.0725</b>	<b>1.5523</b>	<b>.1745</b>	<b>490.4</b>	<b>.1713</b>	<b>.0163</b>	<b>438.2</b>	<b>20.6247</b>	<b>0</b>	<b>3.589</b>
Phase: 2												
IDLE	.0102	.0037	.0068	.0019	.0004	95.7	.0000	.0000	37.8	105.9632		0
ACCEL	.3266	.0520	.2704	.0409	.0034	907.0	.0000	.0000	192.1	11.2056		0
CRUISE	.1911	.0370	.1773	.0115	.0018	479.3	.0000	.0000	131.2	21.2164		0
DECEL	.0581	.0202	.0551	.0053	.0012	163.7	.0000	.0002	103.4	61.9722		0
TOTAL	.5859	.1129	.5097	.0595	.0069	1645.7	.0000	.0002	464.4			0
Phase: 2	<b>.1516</b>	<b>.0292</b>	<b>.1319</b>	<b>.0154</b>	<b>.0018</b>	<b>425.8</b>	<b>.0000</b>	<b>.0001</b>	<b>464.4</b>	<b>23.8581</b>	<b>0</b>	<b>3.865</b>
Phase: 3												
IDLE	.0059	.0017	.0046	.0017	.0003	59.6	.0000	.0000	26.5	169.5433		0

Mode	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
CRUISE	.1831	.0269	.1625	.0118	.0097	541.7	.0047	.0027	119.7
DECEL	.0556	.0149	.0577	.0059	.0050	153.1	.0031	.0015	88.9
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0
TOTAL	.3848	.0653	.3613	.1878	.0651	1412.3	.0591	.0117	369.6

Phase: 3 Equivalent Mass Results: (Grams/Mile)

**.1070 .0182 .1004 .0522 .0181 392.6 .0164 .0033 369.6 25.8652 0 3.597**

**Weighted Total Equivalent Mass Results:(Grams/Mile)**

**.1697 .0684 .1109 .3437 .0420 430.0 .0400 .0043 1272.3 23.6058 0 11.052**

**CVS Mass Results: (Grams/Mile)**

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.27485	1.47352	.16686	.23014	462.109	.06575	.3970	0.29287	21.8722
Phase: 2	.13530	.01098	.00115	.01193	394.920	.12401	.0131	0.13028	25.7337
Phase: 3	.09688	.04563	.01854	.00762	369.012	.09304	.0262	0.09641	27.5482

**CVS Weighted Mass Results:(Grams/Mile)**

**.15364 .32332 .04024 .05593 401.713 .10344 .0962 .15464 25.2505**

**Drive Metrics:**

CSI	RMS
-14.334	.399

**SAE Drive Metrics:**

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,412,600	4,478,160	-1.464	5,775.3	5,779.3	-0.068	-1.417	-3.767	-5.580	0.4896
Phase: 2	4,091,200	4,132,220	-0.993	6,223.1	6,211.3	0.191	-1.195	-1.467	-1.801	0.4198
Phase: 3	4,438,840	4,477,960	-0.874	5,787.9	5,779.2	0.150	-1.032	-2.197	-2.963	0.4425
<b>Final (Weighted):</b>	<b>8,518,760</b>	<b>8,610,270</b>	<b>-1.063</b>	<b>12,005.6</b>	<b>11,990.5</b>	<b>0.126</b>	<b>-1.201</b>	<b>-2.296</b>	<b>-2.882</b>	<b>0.3919</b>

**Test Validation:** Valid: Invalid: Retest: Accept: NIC: system / mh1294 Date: 02/09/2022 12:23:12

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)	.003
MINI DILUTER T/P DILUTION RATIO	10.280
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)	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
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	15.100

### Sequence Purpose

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3/4

## Test Comments

## Emission Summary Report

cFTP75 Emissions

### **Engr. SpclInst**

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

### **Req Spcl Inst**

Connect DCAN Cable – Automatically setting ROLLS MODE!

### **Sampling Type List**

DCVS , Diesel Tailpipe / Particulates – Multiple

### **Test Request Purpose**

T6305PV193 – LADA – IUVT Consent Decree 16MY 3.0L DSL WK (PREP, FTP75, HFET, US06)

### **Informational Report Comments**

ProcLnch – Initialization failure for INCA! Retry?

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