

**EMISSIONS SUMMARY REPORT**

Vehicle ID:	<b>T4305PV62 / 555YDE</b>	Test ID:	<b>T4305PV62_HWFE2X020822032301 / 1111545786</b>
Test Req:	<b>082012220393-5</b>	Location:	CHRYSLER TECH CENTER
Test Type:	<b>HWFE(2X)</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:	107827	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:	HFET Emissions		

<b>Individual Cycles:(Grams/Mile)</b>	<b>Tailpipe:</b>											
	<b>HC</b>	<b>NMHC</b>	<b>CH4</b>	<b>CO</b>	<b>NOX</b>	<b>CO2</b>	<b>NO</b>	<b>NO2</b>	<b>ExVol</b>	<b>MPG</b>	<b>DM</b>	<b>Miles</b>
Cycle1	.0038	.0018	.0028	.0027	.0006	280.5	.0002	.0000	727.8	36.3406		10.256

<b>Modal Test Results:(Grams)</b>												
Phase: 1												
ACCEL	.0116	.0054	.0084	.0076	.0026	861.9	.0011	.0000	207.1	11.8042		0
CRUISE	.0151	.0075	.0110	.0116	.0025	1202.3	.0005	.0000	297.9	8.4653		0
DECEL	.0052	.0022	.0042	.0029	.0004	253.3	.0000	.0000	85.7	40.2181		0
STEADY	.0070	.0035	.0049	.0057	.0009	559.1	.0000	.0000	137.1	18.2024		0
TOTAL	.0388	.0185	.0285	.0278	.0063	2876.6	.0016	.0000	727.8			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	<b>.0038</b>	<b>.0018</b>	<b>.0028</b>	<b>.0027</b>	<b>.0006</b>	<b>280.5</b>	<b>.0002</b>	<b>.0000</b>	<b>727.8</b>	<b>36.3406</b>	<b>0</b>	<b>10.256</b>

<b>CVS Mass Results: (Grams/Mile)</b>										
	<b>HC</b>	<b>CO</b>	<b>NOX</b>	<b>NMHC</b>	<b>CO2</b>	<b>CH4</b>	<b>NMOG+NOX</b>	<b>HFID</b>	<b>Vol.MPG</b>	
Phase: 1	.00195	.00000	.00042	.00028	265.598	.00158		.0007	0.00179	38.2541

<b>Drive Metrics:</b>	
<b>CSI</b>	<b>RMS</b>
5.315	.229

<b>SAE Drive Metrics:</b>										
	<b>CED (J)</b>	<b>CET (J)</b>	<b>ER</b>	<b>DistD (M)</b>	<b>DistT (M)</b>	<b>DistR</b>	<b>EER</b>	<b>ASCR</b>	<b>IWR</b>	<b>RMSSE (MPH)</b>
Phase: 1	11,537,500	11,635,900	-0.846	16,503.9	16,507.8	-0.023	-0.830	-6.132	-7.191	0.3228

# Test Validation

**Test Validation:** Valid:    Invalid:    Retest:    Accept:    NIC: system / mh1294    Date: 03/23/2022 15:36:20

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS bag to TP correlation not the greatest.

## Test Options:

Option	Description
DHFID Hangup value	.002
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.004
MINI DILUTER T/P DILUTION RATIO	10.310
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.089
Bag Methane Response Factor	1.102
Soak Duration(Hrs)	23
CVS K Coeff	278.855
Threshold	350
Trace Start Method	Crank (Pendant)
Charging Type	CS
Pre Test Vehicle Temperature	Hot
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

## Test Options

## Emission Summary Report

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	10.930

### Sequence Purpose

HFET 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

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.**