

EMISSIONS SUMMARY REPORT

Vehicle ID:	T5305PV43 / HUNTMUP	Test ID:	T5305PV43_HWFE2X020821012601 / 1111541243		
Test Req:	082012210146-5	Location:	CHRYSLER TECH CENTER		
Test Type:	HWFE(2X)	Facility:	Test Cell 8	Start Time:	01/26/2021 11:23:42
Requestor:	REDACTED	Shift Sched.:	AUTO	Trace End:	01/26/2021 11:49:28
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag	Inertia Weight: (lbs)	5500
Operator:	REDACTED	Fuel Type:	MS10756	Road Load Coeff A:	21.93
Start Odometer:	85672	Fuel Anal.#:	10933	Road Load Coeff B:	.1509
AutoLoad File:	None	INCA Project File:	2015_WK_ ^{REDACTED} .exp	Road Load Coeff C:	0.02750
Cell Temp Set Pt (F):	75	Altitude Set Pt(ft.):	930	Hum. Set Pt (Grains):	50.00
Test Segment:	3/3	Vehicle Desc.:	0.00 WKJP74 Granite Cr	Emissions Standard:	EPA
Test Req. Purpose:	T5305PV43 – ^{REDACTED} – IUVT Consent Decree 15MY 3.0L DSL WK (RL, PREP, FTP75, HFET, US06)				
Seq. Purpose:	HFET Emissions				

Individual Cycles:(Grams/Mile)	Tailpipe:											
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.0058	.0031	.0031	.0067	.0001	273.4	.0000	.0000	706.3	37.2693		10.254

Modal Test Results:(Grams)												
Phase: 1												
ACCEL	.0167	.0092	.0086	.0203	.0002	844.7	.0000	.0000	200.7	12.0412		0
CRUISE	.0223	.0118	.0125	.0282	.0003	1177.3	.0001	.0000	288.2	8.6447		0
DECEL	.0089	.0046	.0047	.0069	.0000	250.7	.0000	.0000	85.2	40.5340		0
STEADY	.0111	.0063	.0056	.0133	.0001	531.1	.0000	.0000	132.2	19.1617		0
TOTAL	.0590	.0319	.0313	.0688	.0006	2803.9	.0001	.0000	706.3			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0058	.0031	.0031	.0067	.0001	273.4	.0000	.0000	706.3	37.2693	0	10.254

CVS Mass Results: (Grams/Mile)									
	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00315	.00078	.00016	.00000	266.128	.00164	.0002	0.00097	38.2545

Drive Metrics:	
CSI	RMS
6.311	.212

SAE Drive Metrics:										
	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	11,281,200	11,354,000	-0.641	16,501.9	16,506.7	-0.029	-0.616	-4.761	-5.712	0.2984

Test Validation

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 01/26/2021 12:06:02

Validator's Comments:

Test Options:

Option	Description
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.000
MINI DILUTER T/P DILUTION RATIO	8.980
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)	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
Abort test on dead battery	Y
Abort Test on INCA Failure	Y
Augmented Braking	Y
Cert Mode	Y
DbW Available	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

01/26/21 13:01:57

2/3

Test Options

Emission Summary Report

Weighted Dilution factor 10.600

Sequence Purpose

HFET Emissions

Engr. SpclInst

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

Sampling Type List

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

Test Request Purpose

T5305PV43 – ^{REDACTED} – IUVT Consent Decree 15MY 3.0L DSL WK (RL, PREP, FTP75, HFET, US06)

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