

EMISSIONS SUMMARY REPORT

Vehicle ID: **X4XXX7698 / 031M303** Test ID: **X4XXX7698_HWFE2X020720052901 / 1111015292**
 Test Req: **082012200618-5** Location: **CHRYSLER TECH CENTER**
 Test Type: **HWFE(2X)** Facility: **Test Cell 7** Start Time: **05/29/2020 10:37:36**
 Requestor: **REDACTED** Shift Sched.: **AUTO** Trace End: **05/29/2020 11:03:21**
 Driver: **REDACTED** Option(s): **Tailpipe modal & Bag** Inertia Weight: (lbs) **5500**
 Operator: **REDACTED** Fuel Type: **MS10756** Road Load Coeff A: **25.32**
 Start Odometer: **117050** Fuel Anal.#: **10762** Road Load Coeff B: **.1354**
 AutoLoad File: **None** INCA Project File: **None** Road Load Coeff C: **0.02836**
 Cell Temp Set Pt: **75** Altitude Set Pt(ft.): **930** Hum. Set Pt (Grains): **50.00**
 Test Segment: **3/3** Vehicle Desc.: **0.00 GRAND CHERBROWN** Emissions Standard: **EPA**
 Test Req. Purpose: **X4XXX7698 – Consent Decree – Tailpipe Emissions**
 Seq. Purpose: **HFET – MY 14 WK – Consent Decree Tailpipe**

Individual Cycles:(Grams/Mile) Tailpipe:

	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.0035	.0010	.0034	.0074	.0005	274.5	.0001	.0000	749.0	36.9996		10.256

Modal Test Results:(Grams)

Phase: 1

ACCEL	.0090	.0027	.0092	.0023	.0015	851.6	.0004	.0000	208.5	11.9431	0
CRUISE	.0159	.0051	.0151	.0723	.0018	1168.1	.0000	.0000	309.9	8.7110	0
DECEL	.0035	.0008	.0042	.0011	.0004	256.7	.0000	.0000	85.7	39.5932	0
STEADY	.0073	.0022	.0068	.0004	.0011	539.2	.0004	.0002	145.0	18.8783	0
TOTAL	.0357	.0108	.0354	.0761	.0047	2815.5	.0008	.0002	749.0		0

Phase: 1 Equivalent Mass Results: (Grams/Mile)

	.0035	.0010	.0034	.0074	.0005	274.5	.0001	.0000	749.0	36.9996	0	10.257
--	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	----------------	----------	---------------

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00273	.00466	.00015	.00012	269.225	.00233	.00027	0.00230	37.8274

Drive Metrics:

	CSI	RMS
	7.023	.253

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	11,643,500	11,636,100	0.064	16,503.8	16,507.3	-0.021	0.085	2.712	3.780	0.3564

Test Validation

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 05/29/2020 11:17:00

Validator's Comments:

Test Options:

Option	Description
DHFID Hangup value	.004
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles	.000
Background Particles for PN	.000
MINI DILUTER T/P DILUTION RATIO	9.280
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
Soak Duration(Hrs)	20
CVS K Coeff	254.900
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
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
Weighted Dilution factor	9.720

05/29/20 12:55:57

2/3

Sequence Purpose

HFET – MY 14 WK – Consent Decree Tailpipe

Req Spcl Inst

Connect DCAN Cable – Automatically setting ROLLS MODE!

Shift Comments

D| Dual Exhaust

Sampling Type List

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

Test Request Purpose

X4XXX7698 – Consent Decree – Tailpipe Emissions

Informational Report Comments

TestCell Changes : Engine Interrogator got changed from INCA to NONE

TestCell Changes : IncaProject file got changed from 14WK30_r1.exp/**REDACTED** to NONE

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