

EMISSIONS SUMMARY REPORT

Vehicle ID: V6DS63822 / 031M450 **Test ID:** V6DS63822_SC032X020720070101 / 1111015748
Test Req: 082012200801-7 **Location:** CHRYSLER TECH CENTER
Test Type: SC03(2X) **Facility:** Test Cell 7 **Start Time:** 07/01/2020 13:30:37
Requestor: REDACTED **Shift Sched.:** AUTO **Trace End:** 07/01/2020 13:59:50
Driver: REDACTED **Option(s):** Tailpipe modal & Bag **Inertia Weight: (lbs)** 6000
Operator: REDACTED **Fuel Type:** MS10756 **Road Load Coeff A:** 10.58
Start Odometer: 117090 **Fuel Anal.#:** 10892 **Road Load Coeff B:** .2664
AutoLoad File: None **INCA Project File:** V6DS63822_16DS30_CD_TP.exp **Road Load Coeff C:** 0.03313
Cell Temp Set Pt: 95 **Altitude Set Pt(ft.):** 930 **Hum. Set Pt (Grains):** 100.00
Test Segment: 3/3 **Vehicle Desc.:** 0.00 1500 RAM WHITE **Emissions Standard:** EPA
Test Req. Purpose: V6DS63822 – Consent Decree – Tailpipe Emissions
Seq. Purpose: SC03 – My 16 DS – Consent Decree Tailpipe

Individual Cycles:(Grams/Mile)		Tailpipe:										
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.2023	.0396	.1819	.0242	.0065	4366.1	.0000	.0000	9.4	2.3303		.005
Cycle2	.0786	.0192	.0629	.4590	.1114	544.4	.1162	.0116	144.8	18.6721		.987
Cycle3	.0433	.0095	.0388	.0008	.1141	566.7	.1195	.0167	65.4	17.9425		.394
Cycle4	.0294	.0080	.0244	.0003	.0217	555.9	.0227	.0016	104.2	18.2988		.754
Cycle5	.0101	.0039	.0076	.0001	.0007	396.5	.0007	.0000	150.5	25.6298		1.211
Cycle6	.0191	.0050	.0181	.0007	.0003	659.1	.0000	.0000	59.3	15.4399		.232

Modal Test Results:(Grams)

Phase: 1												
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
IDLE	.0042	.0011	.0037	.0003	.0003	110.6	.0000	.0000	42.7	91.6636		0
ACCEL	.0968	.0219	.0779	.4343	.1502	1182.0	.1633	.0145	273.0	8.6018		0
CRUISE	.0049	.0018	.0037	.0000	.0005	177.9	.0005	.0000	60.3	57.1625		0
DECEL	.0285	.0101	.0246	.0193	.0213	362.7	.0159	.0047	157.7	28.0233		0
CRANK	.0000	.0000	.0000	.0000	.0000	.1	.0000	.0000	.1			0
TOTAL	.1344	.0348	.1100	.4539	.1723	1833.3	.1797	.0192	533.7			0

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

.0375 .0097 .0307 .1267 .0481 511.8 .0502 .0054 533.7 19.8621 0 3.582

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMHC+NOX	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.03464	.12308	.04929	.01416	502.572	.02952	.0635	.06345	0.04177	20.2173

Drive Metrics:

CSI	RMS
1.658	.224

Emission Summary Report

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SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,833,600	4,755,740	1.637	5,764.3	5,760.9	0.060	1.552	0.077	0.620	0.3701

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 07/01/2020 14:14:53

Validator's Comments:

Test Options:

Option	Description
DHFID Hangup value	.014
Gain	.650
Initial Solar Intensity (in KW/Square meter)	.854
Constant Grade	.000
Diesel Regeneration Required	0
Average Solar Intensity (in KW/Square meter)	.781
Background Particles	.000
Background Particles for PN	.000
MINI DILUTER T/P DILUTION RATIO	10.370
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
Soak Duration(Hrs)	24
Threshold	350
CVS K Coeff	539.114
Solar Intensity (in percent)	92.000
Trace Start Method	Crank (Pendant)
Charging Type	CS
Pre Test Vehicle Temperature	Hot
Actual Driver	Human
Solar Profile Name	JA_850
CVS Venturi Selection	Medium
DynoGrade Type	None
Special Test Qualifications	None
OBD II Monitor	None Requested
Abort test on dead battery	Y
Abort Test on INCA Failure	Y

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Test Options

Emission Summary Report

Augmented Braking	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
Solar Required	Y
Weighted Dilution factor	23.430

Sequence Purpose

SC03 – My 16 DS – Consent Decree Tailpipe

Req Spcl Inst

With the vehicle on, close all windows 1) For automatic systems press the Auto button and set temp to 72F(22 C). ** a) Do not depress any other buttons on HVAC 2) For Manual systems ** a) Turn AC on **

b) Set AC max ** c) Set system to recirculate ** d) Set fan speed to highest setting ** e) Set temperature to coldest setting

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

V6DS63822 – Consent Decree – Tailpipe Emissions

Informational Report Comments

SolStop – Do you want to keep the solar lights on?

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