

**PPP MIAMI PRODUCTION
WALTER LEIVA**

COMPANY NAME : PPP MIAMI PRODUCTION SHOP
 CUSTOMER EQUIP NUM : S9L02583
 COMPARTMENT NAME : RADIATOR
 SERIAL NUMBER : S9L02583
 MANUFACTURER : CATERPILLAR
 MODEL : C9
 JOB SITE : PRODUCTION SHOP
 EXT WARR NUMBER :

SHOP JOB NUM : SC124782
 COMP SERIAL NUM :
 COMPARTMENT MODEL :
 COMP MANUFACTURER :
 SAMPLE LABEL NUM :
 FLUID BRAND/WEIGHT :
 FLUID TYPE :
 EXT WARR EXPIRE DATE :



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 SAMPLE TYPE: COOLANT - RAD_1
 SAMPLE SHIP TIME (days): 2

LAB CONTROL NUMBER	SAMPLE DATE	PROCESS DATE	EQUIPMENT METER	METER ON FLUID	FLUID CHANGED	MAKE UP FLUID	MAKE UP FLUID UNITS
D260-51356-4359	20-Dec-2021	22-Dec-2021				Unknown	
<div style="border: 1px solid green; padding: 2px;">No Action Required</div> ALL OTHER LEVEL 1 TESTS APPEAR NORMAL FOR ELC. CONTINUE TO USE THIS COOLANT. SAMPLE AGAIN AT THE REGULAR INTERVAL TO MONITOR THE COOLING SYSTEM.							
D350-48320-1022	09-Nov-2018	16-Nov-2018	219 HR	219 HR		Unknown	
<div style="border: 1px solid yellow; padding: 2px;">Monitor Compartment</div> COPPER AND ZINC ARE HIGH. AIR ENTRY IS POSSIBLE - CHECK FOR POSSIBLE AIR LEAK INTO THE COOLING SYSTEM, AND REPAIR IF NEEDED (E.G. TOP TANK NOT BEING FULL, LOOSE/DAMAGED RADIATOR CAP, ETC.). RESAMPLE AT HALF THE REGULAR INTERVAL TO MONITOR THE COOLING SYSTEM.							
D350-48087-1011	23-Mar-2018	28-Mar-2018	205 HR	205 HR		Unknown	
<div style="border: 1px solid green; padding: 2px;">No Action Required</div> SOME SOLIDS ARE PRESENT. ALL OTHER TESTS APPEAR NORMAL. SAMPLE AGAIN AT THE REGULAR INTERVAL.							

Metals (ppm)	Al	Cu	Fe	Pb	K	Na	Sn	Zn	CaC	MgC	TH	MoO4	SiO3	BO3	PO4	BP	FP	GL	pH	CON
D260-51356-4359	4	1	1	1	14	2763	0	1								108	-42	53	7.6	3572
D350-48320-1022	0	4	0	0	35	4068	0	16	13	3	16	828	32	11	8	108	-41	52	7.4	3714
D350-48087-1011	0	1	0	2	46	4340	0	1	5	1	5	974	35	66	40	108	-41	52	7.6	4224

Other	NO2	Odor	Color	App	Foam	Oil	PAmt	PApp	PCol	PProp
D260-51356-4359	815	norm	red	clear	norm		none			N/A
D350-48320-1022	291	norm	red	clear	norm	none	trace	granular	brn sol	man & n
D350-48087-1011	301	norm	red	clear	norm	none	trace	fine	blk sol	man

Al = Aluminum, Cu = Copper, Fe = Iron, K = Potassium, Na = Sodium, Pb = Lead, Sn = Tin, V = Vanadium, Zn = Zinc, BO3 = Borate, CaC = Ca as CaCO3, MgC = Mg as CaCO3, MoO4 = Molybdate, PO4 = Phosphate, SiO3 = Silicate, TH = Total Hardness, CL = Chloride, CO3 = Carbonate, GLO = Glycolate, NO2 = Nitrite, NO3 = Nitrate, PO4 = Phosphate, SAC = Sebacic Acid, SO4 = Sulfate, TT = Tolytriazole, BP = Boil Point(°C), FP = Freeze Point(°C), GL = Glycol, CON = Conductivity, App = Appearance, PAmt = Precipitate Amount, PApp = Precipitate Appearance, PCol = Precipitate Color, PProp = Precipitate Property, CType = Coolant Type

Notice: This analysis is intended as an aid in predicting mechanical wear. No guarantee, expressed or implied, is made against failure of this piece of equipment or a component thereof.