

Control #	100420230308	100320230308	100220230308	100120230308	100020230308
Date Taken	03/08/2023	01/21/2023	12/08/2022	09/26/2022	06/24/2022
Service Meter Reading	0	0	0	0	0
Fluid Run Time	0	0	0	0	0
Fluid Added Gal / Qts	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Fluid Status	Sampled	Sampled	Sampled	Sampled	Sampled
Filter Changed	Unknown	Unknown	Unknown	Unknown	Unknown
Iron (FE)	199	24	24	2	4
Lead (PB)	0	0	0	0	0
Copper (CU)	44	3	3	2	2
Aluminum (AL)	276	5	2	6	5
Silicon (SI)	50	24	25	24	22
Potassium (K)	389	609	451	562	843
Sodium (NA)	9999	9999	9999	9999	9999
Boron (B)	1	0	0	0	0
Magnesium (MG)	25	4	2	2	2
Calcium (CA)	160	8	6	6	6
Phosphorus (P)	0	0	0	0	0
Zinc (ZN)	34	4	2	2	1
Molybdenum (MO)	394	621	601	693	681
Freezepoint F	0	-40	-40	-35	-38
% Antifreeze	31	52	52	50	51
Nitrites	217	300	300	300	417
pH	10.2	6.8	7.3	7.5	7.5
Reserve Alk	6.7	2.5	2.6	3.0	2.6
Color	Red	Red	Red	Orange	Red
Contaminants	Major Sed	Sediment	Sediment	Sediment	None
Comment	TDS=15,000	TDS=11,000	TDS=10,100	TDS=4,440	TDS=5,001
Conductivity	4660uS/cm	4880uS/cm	4850uS/cm	3480uS/cm	3030uS/cm



Testing Performed by Lab One, Inc.
An Independent Fluids Analysis Laboratory

Critical

1 of 1

03/13/2023

Make / Model

ULTIMATE CHEMICAL

Unit/Serial

UCECA/

Compartment

Coolant

Fluid Type

COOLANT

WO / Reference

Current Interpretation

CRITICAL SAMPLE IMMEDIATE ACTION REQUIRED. Metals extremely high. Coolant has MAJOR Sediment contamination. Total Dissolved Solids (TDS) elevated. Drain and flush system to remove contaminants/debris. Resample to monitor trend.

000000084

Lab One Web Test
Attn: Jason Kronlund
101 West Mohave Street
Phoenix, AZ 85003

Interpretation from sample # 100320230308 (Reportable)

Iron level appears high. Coolant has Sediment contamination. Total Dissolved Solids (TDS) appears to be elevated. Drain and flush system to remove contaminants/debris.

Interpretation from sample # 100220230308 (Reportable)

Iron level appears high. Coolant has Sediment contamination. Total Dissolved Solids (TDS) appears to be elevated. Drain and flush system to remove contaminants/debris.

Interpretation from sample # 100120230308 (Normal)

Coolant satisfactory for continued use.

Interpretation from sample # 100020230308 (Normal)

Coolant satisfactory for continued use.

Image 1

