



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
SUNGUARD [156134]
 Machine Id
G080198124 (S/N G08019B124)
 Component
Coolant
 Fluid
EXTENDED LIFE COOLANT (--- GAL)

RECOMMENDATION

The fluid is suitable for further service. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		CU0023796	CU0020800	CU0016516
Sample Date		Client Info		18 Jun 2024	03 May 2023	11 May 2020
Machine Age	hrs	Client Info		239	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	Not Changed
Sample Status				NORMAL	NORMAL	ABNORMAL

CORROSION

All metal levels are normal indicating no corrosion in the cooling system.

Iron	ppm	ASTM D5185(m)	>15	<1	2	3
Aluminum	ppm	ASTM D5185(m)	>10	<1	5	4
Copper	ppm	ASTM D5185(m)	>10	0	3	2
Lead	ppm	ASTM D5185(m)	>10	4	6	▲ 12
Tin	ppm	ASTM D5185(m)	>10	0	0	<1
Silver	ppm	ASTM D5185(m)	>10	0	<1	1
Zinc	ppm	ASTM D5185(m)	>10	<1	0	0

CONTAMINANTS

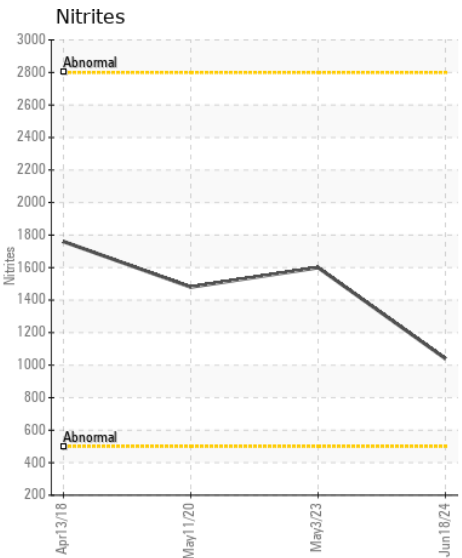
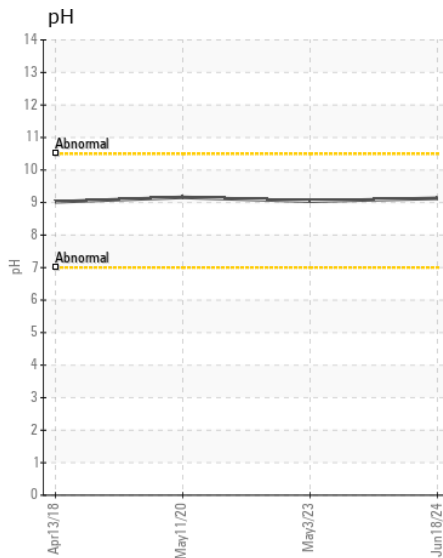
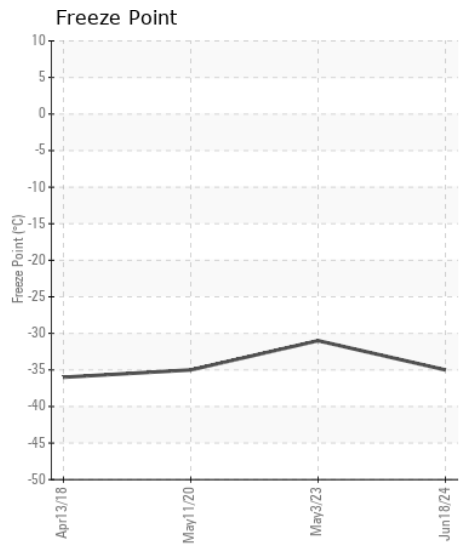
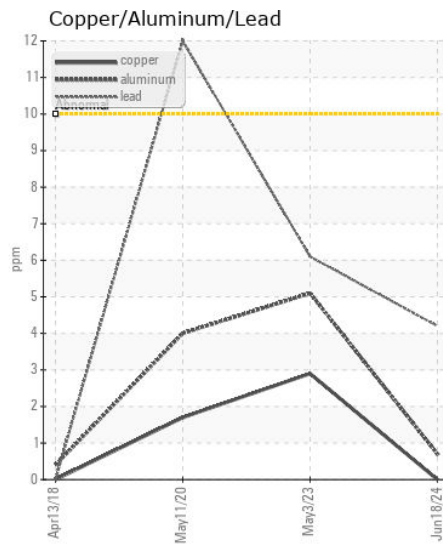
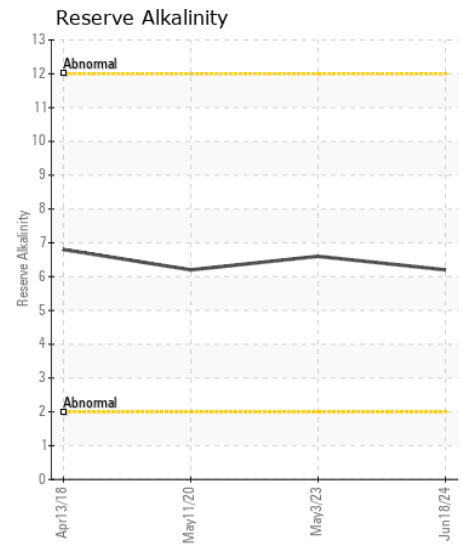
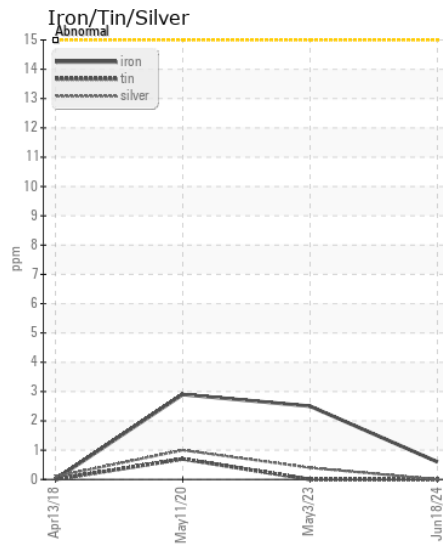
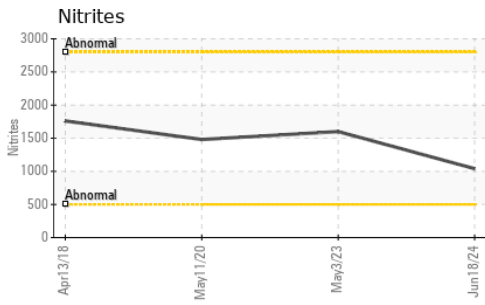
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	2	3	7
Magnesium	ppm	ASTM D5185(m)	>40	1	1	2
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Coolant Appearance		Visual*	Clear	Clear	Clear	Clear

COOLANT CONDITION

The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

Boiling Point	°C	WC Method*		107	---	---
Specific Gravity		ASTM D1298*		1.065	1.065	1.066
pH	Scale 0-14	ASTM D1287*	9.0	9.13	9.04	9.16
Nitrites	ppm	Alcan Test Kit*		1040	1600	1480
Reserve Alkalinity	Scale 0-20	ASTM D1121*		6.2	6.6	6.2
Percentage Glycol	%	ASTM D3321*	50	48.4	48.4	49.0
Freezing Point	°C	ASTM D3321*	-40	-35	-31	-35
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		47	63	57
Phosphorus	ppm	ASTM D5185(m)		806	771	997
Boron	ppm	ASTM D5185(m)		234	270	299
Molybdenum	ppm	ASTM D5185(m)		381	440	464
Sodium	ppm	ASTM D5185(m)		1264	1146	1249
Potassium	ppm	ASTM D5185(m)		4571	2618	3370
Coolant Color		Visual*	Orange/R	Blue	Blue	Green



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0023796
Lab Number : 02643526
Unique Number : 5801065
Test Package : COOL (Additional Tests: GlycolType)
Received : 21 Jun 2024
Tested : 21 Jun 2024
Diagnosed : 24 Jun 2024 - Kevin Marson

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To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.