



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
[142229]

Machine Id
SOMMERS PORTABLE

Component
Coolant

Fluid
CONVENTIONAL 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		WC0919630	WC0572423	WC0572422
Sample Date		Client Info		11 Apr 2024	27 Apr 2022	23 Apr 2021
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	ABNORMAL	ABNORMAL

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	13	▲ 30	▲ 20
Aluminum	ppm	ASTM D5185(m)	>10	0	2	<1
Copper	ppm	ASTM D5185(m)	>10	2	2	2
Lead	ppm	ASTM D5185(m)	>10	10	▲ 14	7
Tin	ppm	ASTM D5185(m)	>10	<1	4	2
Silver	ppm	ASTM D5185(m)	>10	<1	<1	0
Zinc	ppm	ASTM D5185(m)	>10	2	4	2

CONTAMINANTS

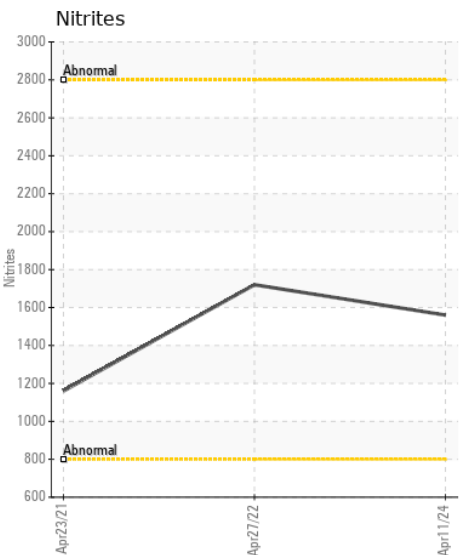
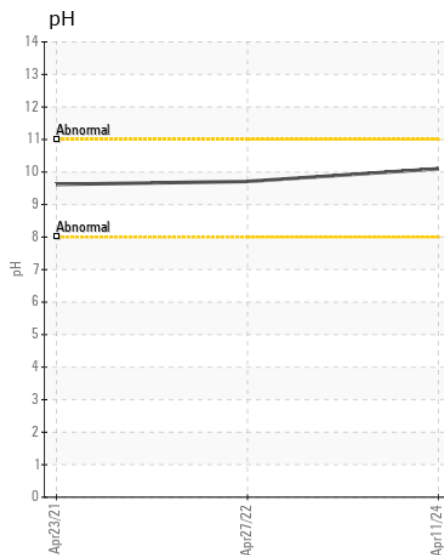
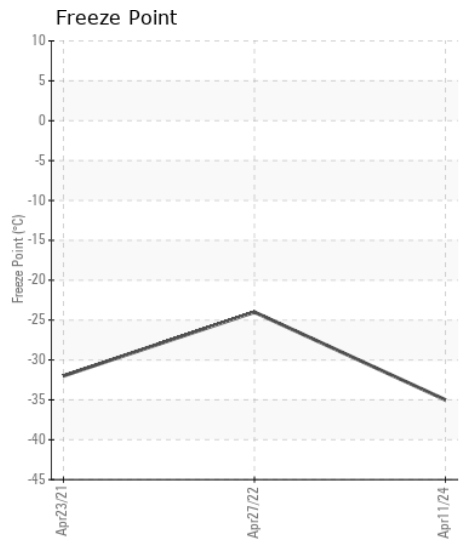
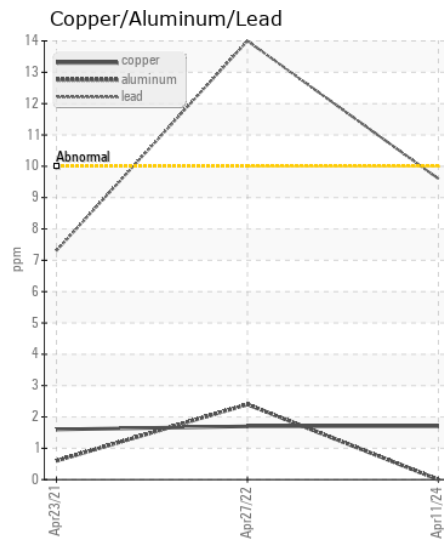
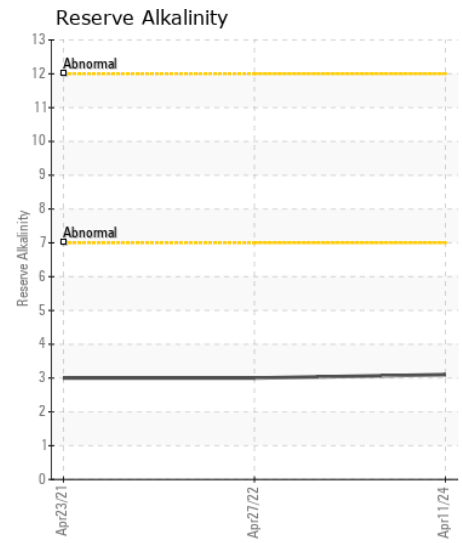
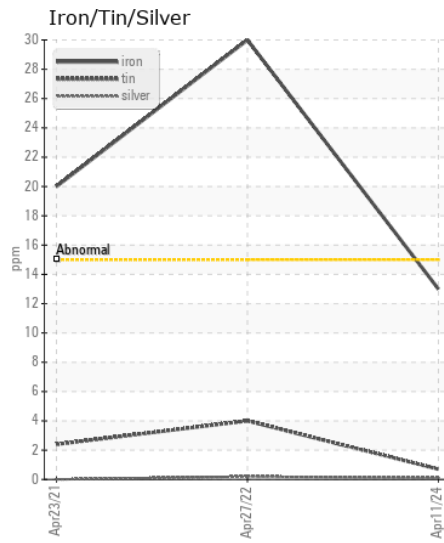
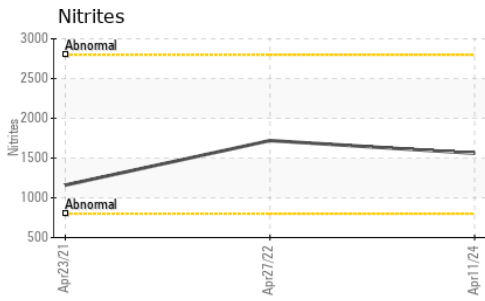
There is no indication of any contamination in the coolant.

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

COOLANT CONDITION

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

Boiling Point	°C	WC Method*		107	---	---
Specific Gravity		ASTM D1298*		1.065	1.062	1.063
pH	Scale 0-14	ASTM D1287*	9.5	10.1	9.71	9.62
Nitrites	ppm	Alcan Test Kit*	1500	1560	1720	1160
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	3.1	3.0	3.0
Percentage Glycol	%	ASTM D3321*	50	48.2	45.4	46.0
Freezing Point	°C	ASTM D3321*	-40	-35	-24	-32
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		21	23	17
Phosphorus	ppm	ASTM D5185(m)		38	120	96
Boron	ppm	ASTM D5185(m)		132	221	178
Molybdenum	ppm	ASTM D5185(m)		4	56	38
Sodium	ppm	ASTM D5185(m)		1372	1349	1428
Potassium	ppm	ASTM D5185(m)		186	541	454
Coolant Color		Visual*	Green	---	Grn/Yellow	Grn/Yellow



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0919630 **Received** : 15 Apr 2024
Lab Number : 02629048 **Tested** : 16 Apr 2024
Unique Number : 5762180 **Diagnosed** : 17 Apr 2024 - Kevin Marson
Test Package : COOL (Additional Tests: GlycolType)

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.

GENREP LTD
 476 HWY 77, R.R. # 3
 LEAMINGTON, ON
 CA N8H 3V6
 Contact: Debbie Johnston
 djohnston@genrep.com
 T: (519)325-0202
 F: (519)322-0026