



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

COOLANT REPORT

CORROSION

ABNORMAL

CONTAMINANTS

NORMAL

COOLANT CONDITION

NORMAL

Area

CHARTWELL DEERVIEW [275707]

Machine Id

SD 2118131

Component

Coolant

Fluid

CONVENTIONAL COOLANT (--- LTR)

RECOMMENDATION

The coolant change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WA0021258	WA0018699	WA0017963
Sample Date		Client Info		19 Apr 2024	13 Apr 2023	21 Apr 2022
Machine Age	kms	Client Info		226	203	178
Oil Age	kms	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				ABNORMAL	NORMAL	ABNORMAL

CORROSION

Lead ppm levels are abnormal. The high metal levels indicate corrosion in the system.

Iron	ppm	ASTM D5185(m)	>15	1	1	2
Aluminum	ppm	ASTM D5185(m)	>10	0	<1	3
Copper	ppm	ASTM D5185(m)	>10	0	2	<1
Lead	ppm	ASTM D5185(m)	>10	▲ 17	2	▲ 19
Tin	ppm	ASTM D5185(m)	>10	0	0	<1
Silver	ppm	ASTM D5185(m)	>10	<1	0	<1
Zinc	ppm	ASTM D5185(m)	>10	2	2	6

CONTAMINANTS

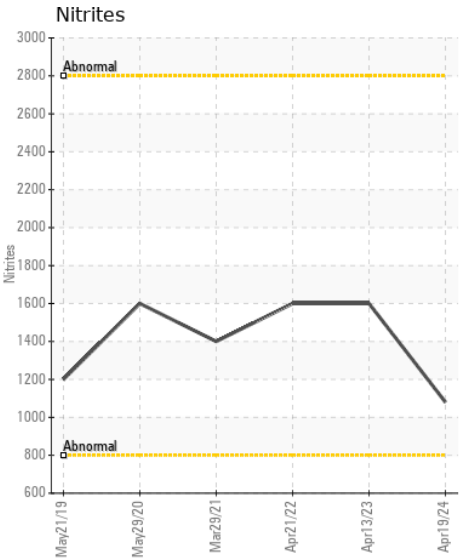
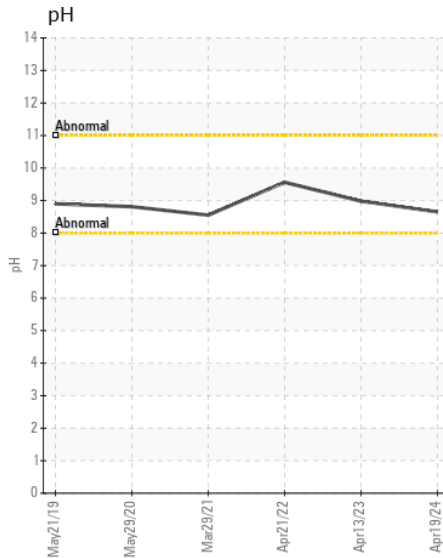
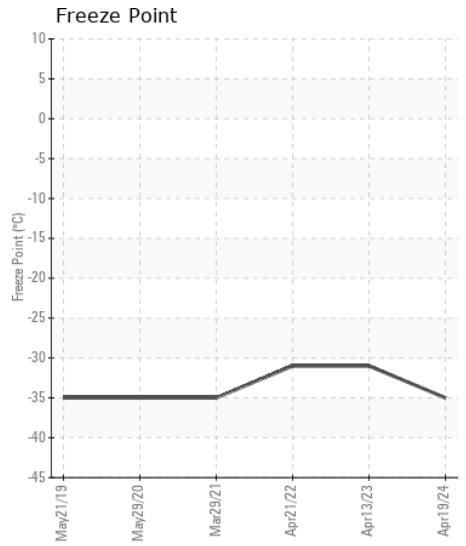
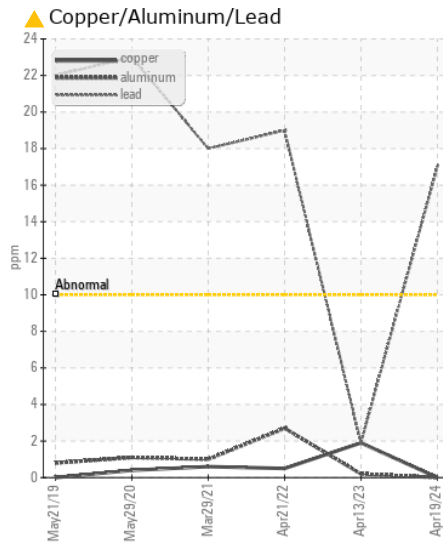
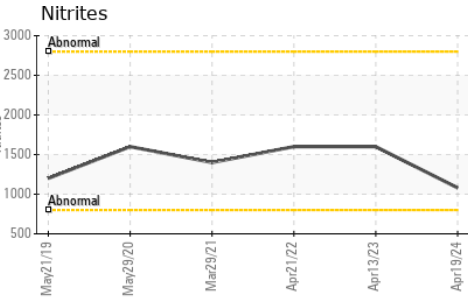
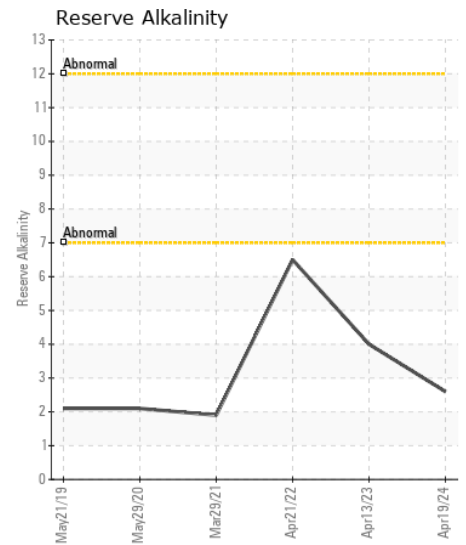
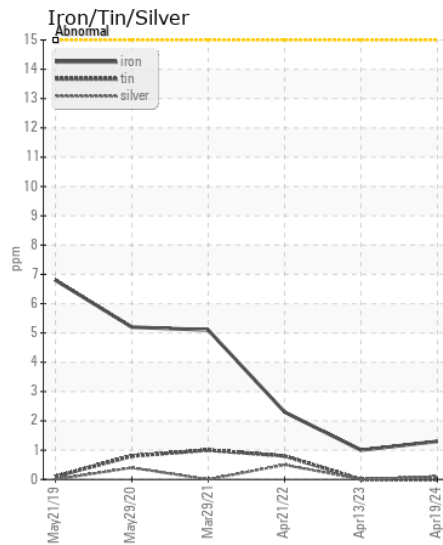
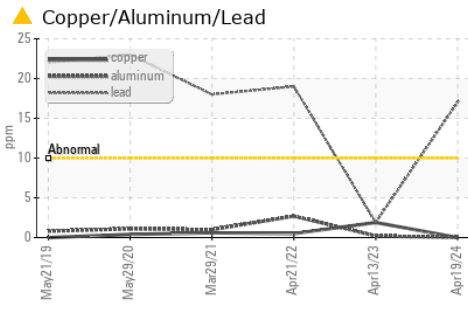
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	5	9	5
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.

Boiling Point	°C	WC Method*		107	---	---
Specific Gravity		ASTM D1298*		1.065	1.066	1.065
pH	Scale 0-14	ASTM D1287*	9.5	8.65	8.98	9.56
Nitrites	ppm	Alcan Test Kit*	1500	1080	1600	1600
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	2.6	4.0	6.5
Percentage Glycol	%	ASTM D3321*	50	48.6	48.8	48.4
Freezing Point	°C	ASTM D3321*	-40	-35	-31	-31
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		24	141	83
Phosphorus	ppm	ASTM D5185(m)		15	14	14
Boron	ppm	ASTM D5185(m)		180	221	218
Molybdenum	ppm	ASTM D5185(m)		2	2	<1
Sodium	ppm	ASTM D5185(m)		1982	1821	1481
Potassium	ppm	ASTM D5185(m)		250	288	246
Coolant Color		Visual*	Green	Green	Green	Green



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0021258 **Received** : 06 May 2024
Lab Number : 02633682 **Tested** : 06 May 2024
Unique Number : 5774835 **Diagnosed** : 07 May 2024 - Kevin Marson
Test Package : COOL (Additional Tests: GlycolType)

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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.