



LIEBHERR

COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL



Machine Id
LIEBHERR R914 054895-1511
Component
Coolant
Fluid
HYBRID (HOAT) 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		LH0289510	---	---
Sample Date		Client Info		21 May 2024	---	---
Machine Age	hrs	Client Info		870	---	---
Oil Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Chngd	---	---
Sample Status				NORMAL	---	---

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	<1	---	---
Aluminum	ppm	ASTM D5185(m)	>10	<1	---	---
Copper	ppm	ASTM D5185(m)	>10	<1	---	---
Lead	ppm	ASTM D5185(m)	>10	0	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
Silver	ppm	ASTM D5185(m)	>10	<1	---	---
Zinc	ppm	ASTM D5185(m)	>10	3	---	---

CONTAMINANTS

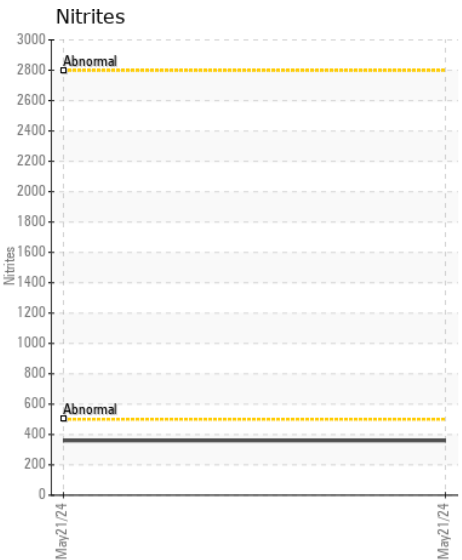
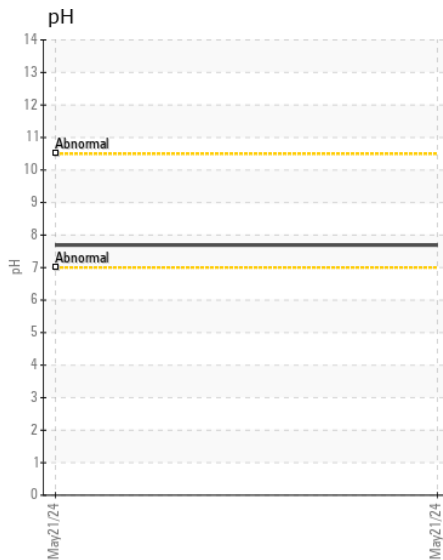
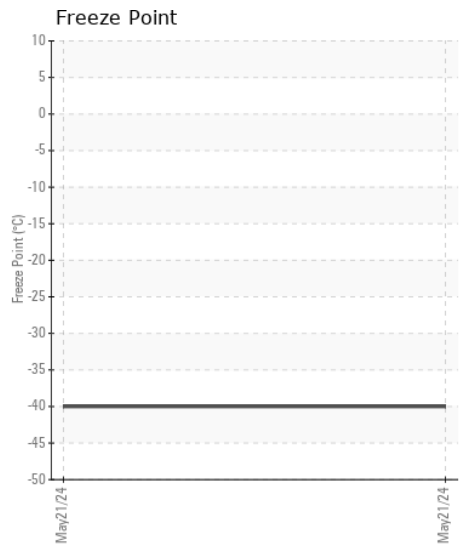
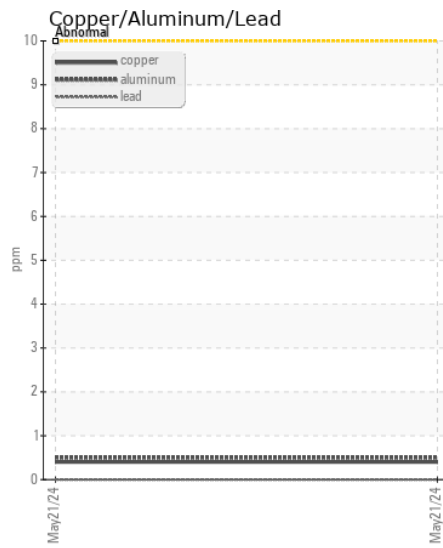
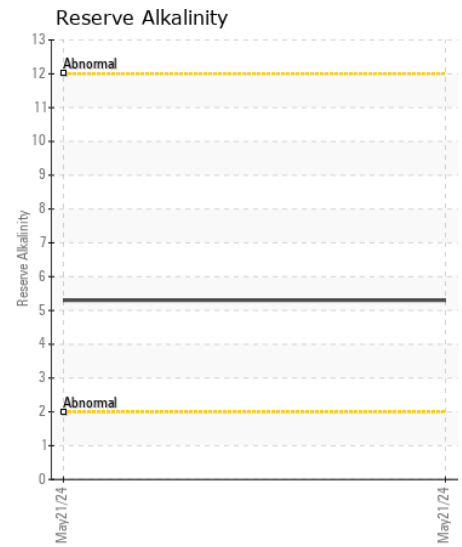
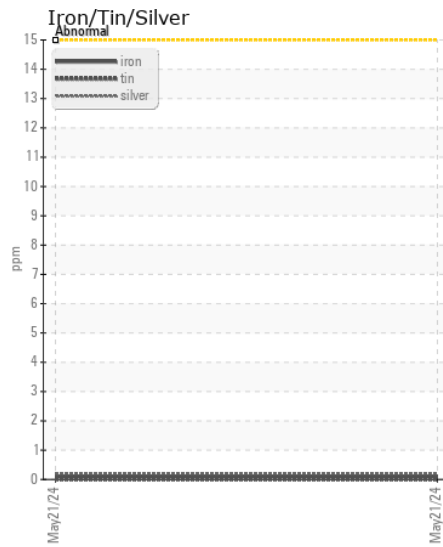
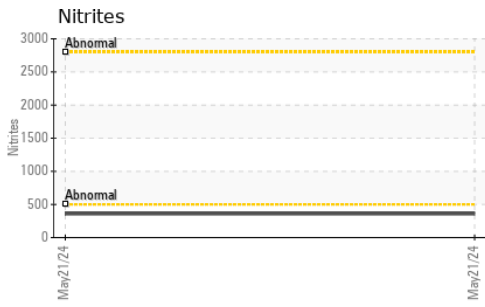
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	9	---	---
Magnesium	ppm	ASTM D5185(m)	>40	9	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Coolant Appearance		Visual*	Clear	Cloudy	---	---

COOLANT CONDITION

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

Boiling Point	°C	WC Method*		108	---	---
Specific Gravity		ASTM D1298*		1.070	---	---
pH	Scale 0-14	ASTM D1287*		7.69	---	---
Nitrites	ppm	Alcan Test Kit*		360	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		5.3	---	---
Percentage Glycol	%	ASTM D3321*		52.4	---	---
Freezing Point	°C	ASTM D3321*		-40	---	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		56	---	---
Phosphorus	ppm	ASTM D5185(m)		29	---	---
Boron	ppm	ASTM D5185(m)		7	---	---
Molybdenum	ppm	ASTM D5185(m)		14	---	---
Sodium	ppm	ASTM D5185(m)		6812	---	---
Potassium	ppm	ASTM D5185(m)		448	---	---
Coolant Color		Visual*		Pink	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : LH0289510 **Received** : 22 May 2024
Lab Number : 02637023 **Tested** : 23 May 2024
Unique Number : 5786185 **Diagnosed** : 23 May 2024 - Kevin Marson
Test Package : COOL (Additional Tests: GlycolType)

12531992 ONTARIO INC.
 64 ELLIOTT ROAD
 STERLING, ON
 CA K0K 3E0
 Contact: Service Manager

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.

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F: