



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
[192229]
 Machine Id
JOHN DEERE COMBERPORTABLE
 Component
Coolant
 Fluid
CONVENTIONAL COOLANT (18 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		WC0791168	WC0686473	WC0668145
Sample Date		Client Info		15 Feb 2024	08 May 2023	22 Mar 2022
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	NORMAL	NORMAL

CORROSION

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

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

CONTAMINANTS

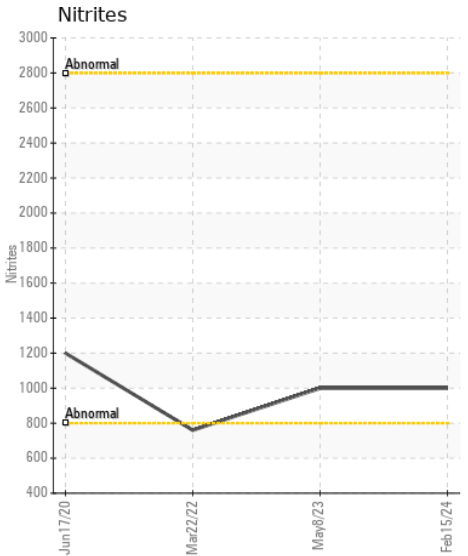
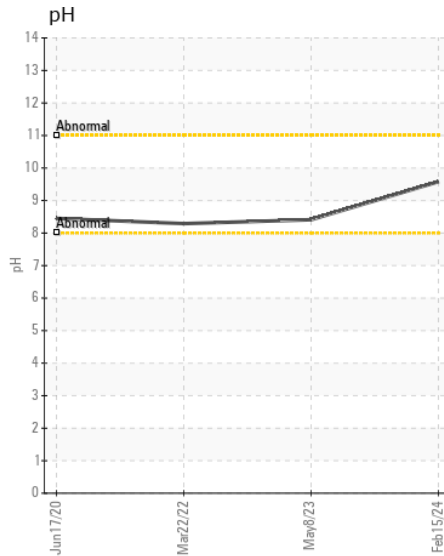
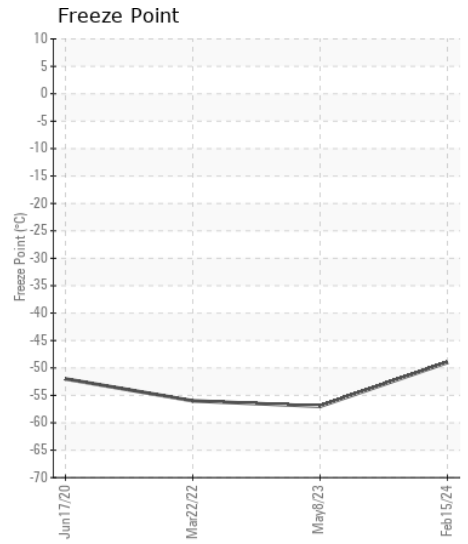
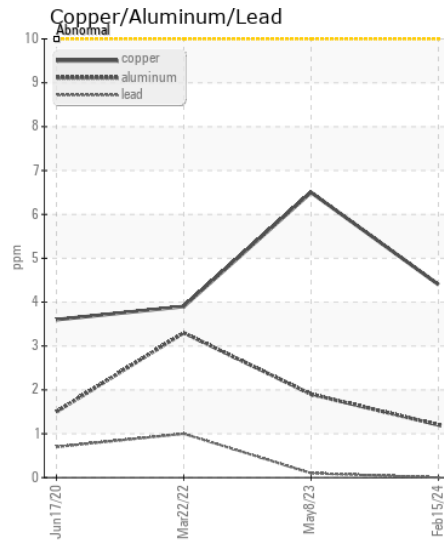
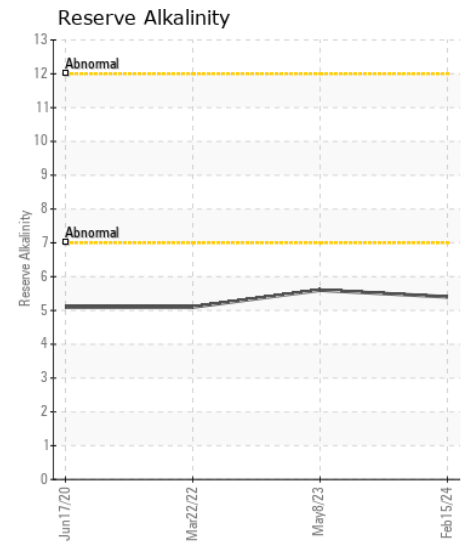
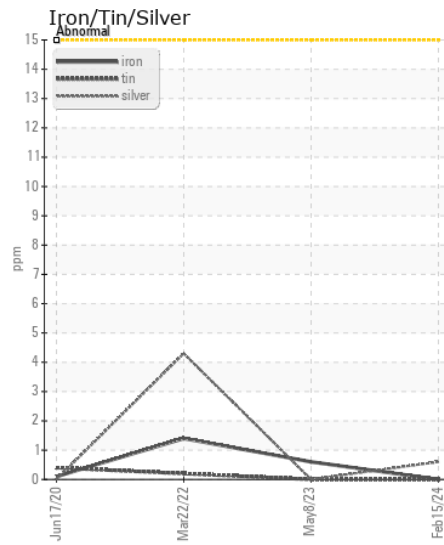
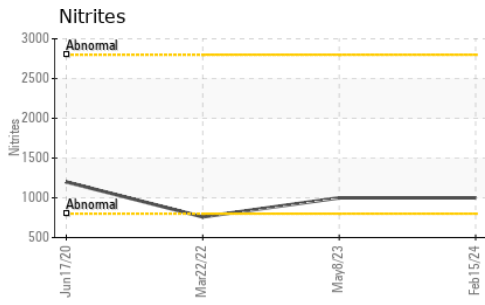
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<1	1	4
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.

Specific Gravity		ASTM D1298*		1.079	1.080	1.079
pH	Scale 0-14	ASTM D1287*	9.5	9.58	8.41	8.29
Nitrites	ppm	Alcan Test Kit*	1500	1000	1000	760
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	5.4	5.6	5.1
Percentage Glycol	%	ASTM D3321*	50	59.9	60.3	59.4
Freezing Point	°C	ASTM D3321*	-40	-49	-57	-56
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		18	19	19
Phosphorus	ppm	ASTM D5185(m)		1408	1130	986
Boron	ppm	ASTM D5185(m)		19	39	34
Molybdenum	ppm	ASTM D5185(m)		154	158	197
Sodium	ppm	ASTM D5185(m)		1906	1507	1260
Potassium	ppm	ASTM D5185(m)		5166	2274	1934
Coolant Color		Visual*	Green	Grn/Yellow	Green	Yellow



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0791168 **Received** : 16 Feb 2024
Lab Number : 02616481 **Tested** : 21 Feb 2024
Unique Number : 5733591 **Diagnosed** : 21 Feb 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.

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