



# COOLANT REPORT

CORROSION

**ABNORMAL**

CONTAMINANTS

**NORMAL**

COOLANT CONDITION

**NORMAL**

Area  
**T.A.P**  
Machine Id  
**52-1906-01**

Component  
**Coolant**  
Fluid  
**NOT GIVEN (280 GAL)**

## RECOMMENDATION

Nous recommandons que vous vidangiez le système et que vous le remplissiez avec un mélange 50/50 eau/antigel. Nous vous conseillons de reconstituer les additifs refroidisseurs supplémentaires, (SCA - supplemental coolant additives) et d'en ajouter selon les indications du fabricant. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0765931</b>	WC0664216	WC0664217
Sample Date		Client Info		<b>04 Dec 2023</b>	15 Aug 2023	10 May 2023
Machine Age	hrs	Client Info		<b>0</b>	0	0
Oil Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	N/A	N/A
Sample Status				<b>ABNORMAL</b>	ABNORMAL	ABNORMAL

## CORROSION

La concentration du fer est anormale/sévère indiquant la présence de rouille dans le système qui pourrait l'obstruer.

Iron	ppm	ASTM D5185(m)	>15	<b>▲ 42</b>	▲ 38	▲ 55
Aluminum	ppm	ASTM D5185(m)	>10	<b>0</b>	0	1
Copper	ppm	ASTM D5185(m)	>10	<b>0</b>	0	2
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	<1
Zinc	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0

## CONTAMINANTS

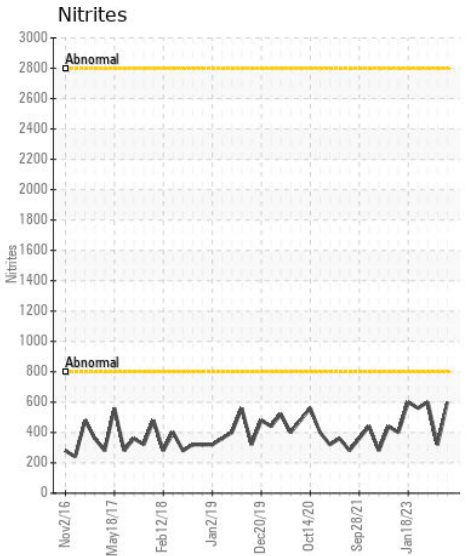
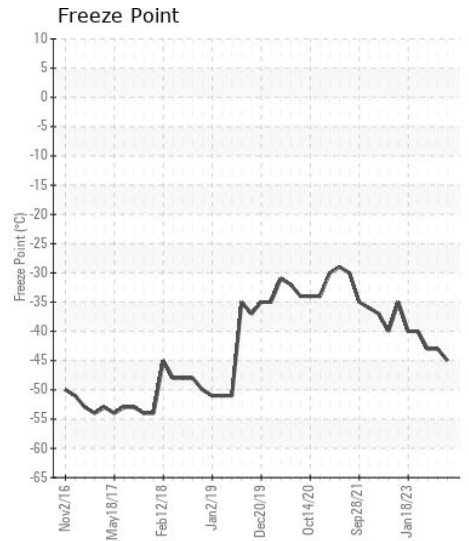
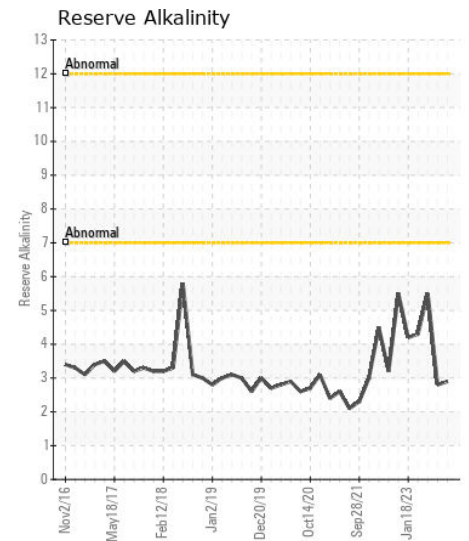
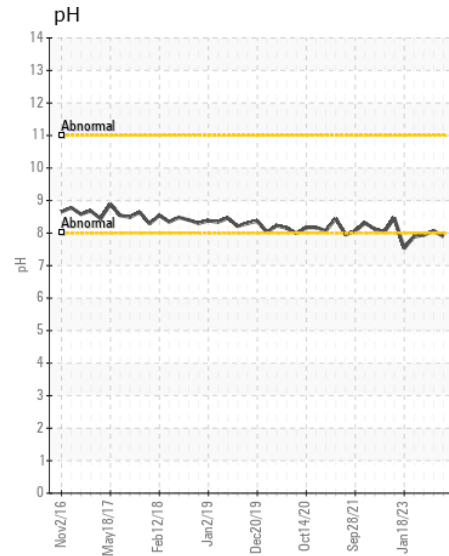
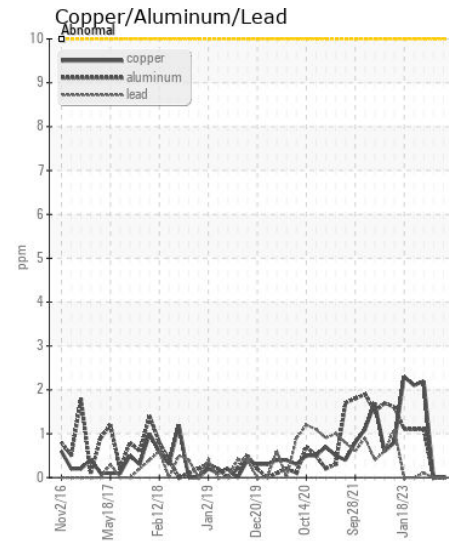
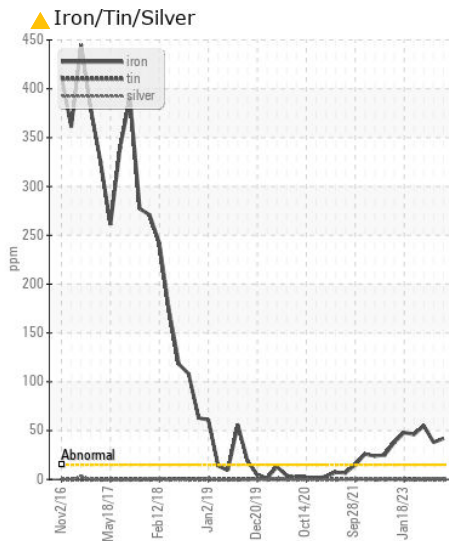
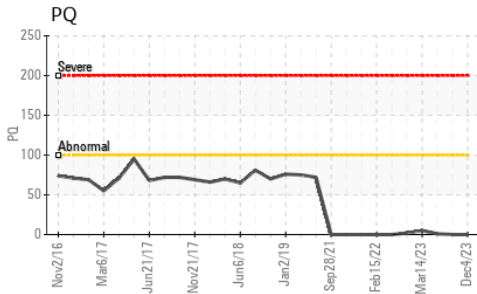
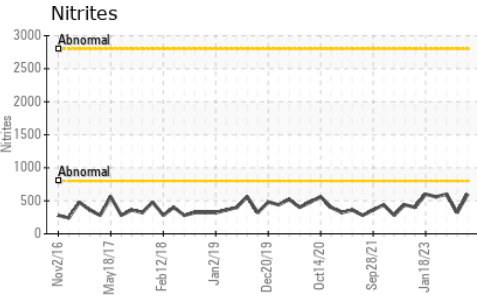
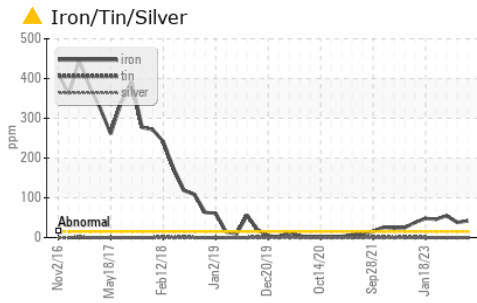
Il n'y a aucun indice de contamination dans l'agent de refroidissement.

Calcium	ppm	ASTM D5185(m)	>100	<b>1</b>	2	3
Magnesium	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	1
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Coolant Appearance		Visual*	Clear	<b>Clear</b>	▲ Cloudy	Cloudy

## COOLANT CONDITION

Le niveau de nitrite est acceptable. Le niveau de pH de ce fluide est dans les limites acceptables. La réserve d'alcalinité de ce fluide est acceptable.

Specific Gravity		ASTM D1298*		<b>1.073</b>	1.072	1.071
pH	Scale 0-14	ASTM D1287*		<b>7.90</b>	8.07	7.94
Nitrites	ppm	Alcan Test Kit*		<b>600</b>	320	600
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>2.9</b>	2.8	5.5
Percentage Glycol	%	ASTM D3321*		<b>54.8</b>	53.5	53.3
Freezing Point	°C	ASTM D3321*		<b>-45</b>	-43	-43
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>4</b>	5	7
Phosphorus	ppm	ASTM D5185(m)		<b>509</b>	552	607
Boron	ppm	ASTM D5185(m)		<b>79</b>	80	114
Molybdenum	ppm	ASTM D5185(m)		<b>2</b>	0	2
Sodium	ppm	ASTM D5185(m)		<b>433</b>	392	443
Potassium	ppm	ASTM D5185(m)		<b>4742</b>	4634	2290
Coolant Color		Visual*		<b>Yellow</b>	Yellow	Grn/Yellow



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0765931 **Received** : 11 Dec 2023  
**Lab Number** : 02602440 **Tested** : 13 Dec 2023  
**Unique Number** : 5695525 **Diagnosed** : 13 Dec 2023 - Kevin Marson  
**Test Package** : COOL ( Additional Tests: PQ )

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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