



# COOLANT REPORT

CORROSION	<b>ABNORMAL</b>
CONTAMINANTS	<b>ABNORMAL</b>
COOLANT CONDITION	<b>ABNORMAL</b>

Area  
**[VN0588]**  
 Machine Id  
**GD12153**

Component  
**Coolant**  
 Fluid  
**CONVENTIONAL COOLANT (--- LTR)**

## 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>GD0003300</b>	---	---
Sample Date		Client Info		<b>26 Apr 2019</b>	---	---
Machine Age	hrs	Client Info		<b>1713</b>	---	---
Oil Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>N/A</b>	---	---
Sample Status				<b>ABNORMAL</b>	---	---

## 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>▲ 88</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>10	<b>2</b>	---	---
Copper	ppm	ASTM D5185(m)	>10	<b>2</b>	---	---
Lead	ppm	ASTM D5185(m)	>10	<b>8</b>	---	---
Tin	ppm	ASTM D5185(m)	>10	<b>2</b>	---	---
Silver	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Zinc	ppm	ASTM D5185(m)	>10	<b>8</b>	---	---

## CONTAMINANTS

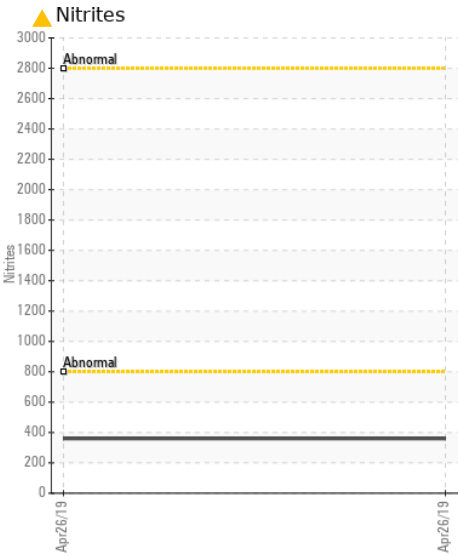
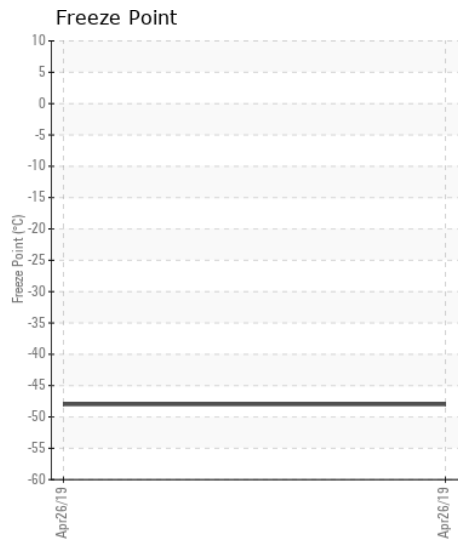
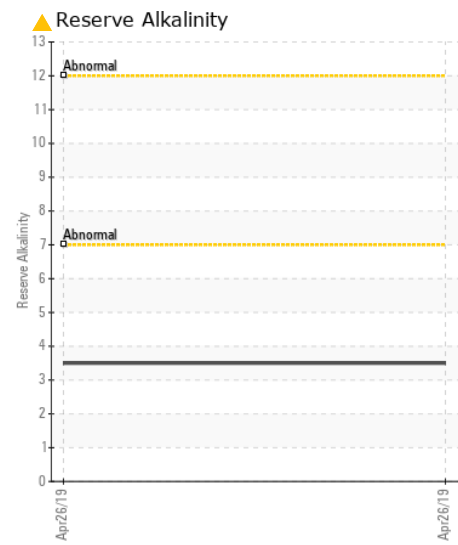
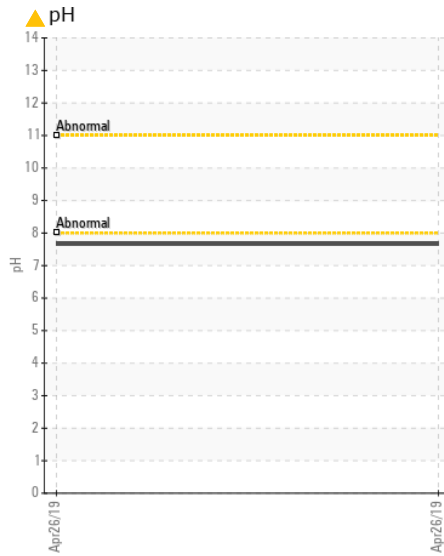
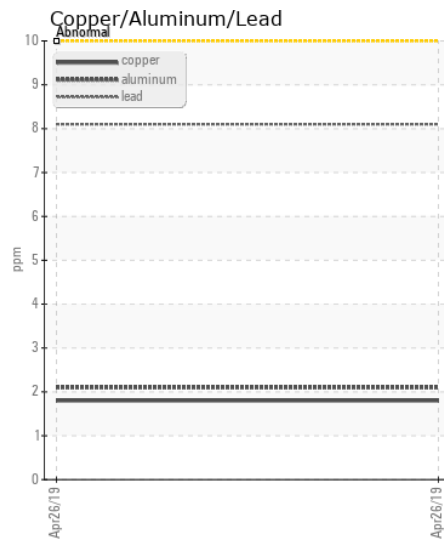
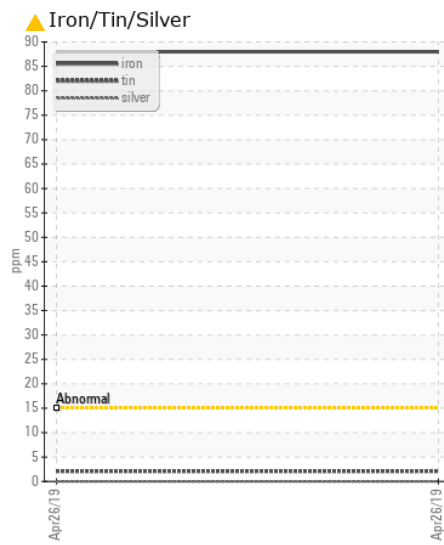
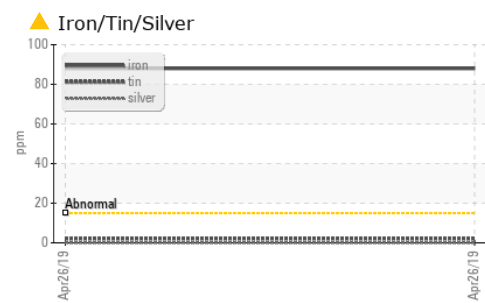
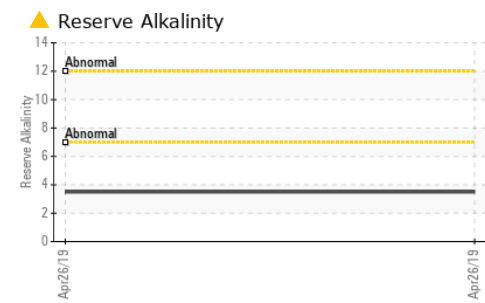
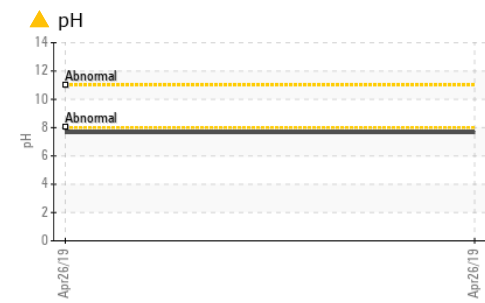
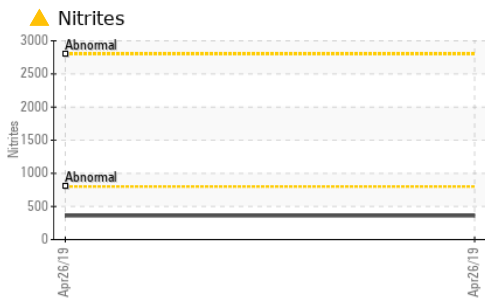
Il n'y a aucun indice de contamination dans le l'agent de refroidissement.

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

## COOLANT CONDITION

La réserve d'alcalinité de ce fluide est anormalement basse. The coolant is cloudy indicating either an overconcentration of coolant additives, or a mixing of incompatible coolant technologies. Le bas niveau de nitrites indique une réduction de la protection contre la cavitation qui peut entraîner de la corrosion et la formation d'ammoniaque. Le pH est bas et peut entraîner la formation de rouille.

Specific Gravity		ASTM D1298*		<b>1.076</b>	---	---
pH	Scale 0-14	ASTM D1287*	9.5	<b>▲ 7.66</b>	---	---
Nitrites	ppm	Alcan Test Kit*	1500	<b>▲ 360</b>	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	<b>▲ 3.5</b>	---	---
Percentage Glycol	%	ASTM D3321*	50	<b>57.0</b>	---	---
Freezing Point	°C	ASTM D3321*	-40	<b>-48</b>	---	---
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>86</b>	---	---
Phosphorus	ppm	ASTM D5185(m)		<b>6</b>	---	---
Boron	ppm	ASTM D5185(m)		<b>410</b>	---	---
Molybdenum	ppm	ASTM D5185(m)		<b>17</b>	---	---
Sodium	ppm	ASTM D5185(m)		<b>2352</b>	---	---
Potassium	ppm	ASTM D5185(m)		<b>125</b>	---	---
Coolant Color		Visual*	Green	<b>Pink</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GD0003300  
**Lab Number** : 02286404  
**Unique Number** : 4873665  
**Test Package** : COOL ( Additional Tests: PQ )

**Received** : 21 May 2019  
**Tested** : 22 May 2019  
**Diagnosed** : 22 May 2019 - Kevin Marson

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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.