

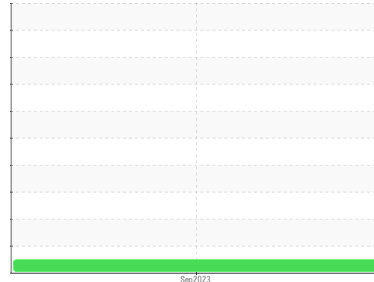
# COOLANT REPORT

Sample Rating Trend

**NORMAL**



Area  
**[198709]**  
Machine Id  
**DOOSAN P180LE GD5867E**  
Component  
**Coolant**  
Fluid  
**HYBRID (HOAT) COOLANT (--- GAL)**



## DIAGNOSIS

### Recommendation

Le fluide peut encore servir. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

### Corrosion

Les concentrations de tous les métaux sont normales indiquant qu'il n'y a pas de corrosion dans le système de refroidissement.

### Contaminants

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

### 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.

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>WA0020130</b>	---	---
Sample Date	Client Info	<b>20 Sep 2023</b>	---	---
Machine Age	hrs Client Info	<b>0</b>	---	---
Oil Age	hrs Client Info	<b>0</b>	---	---
Oil Changed	Client Info	<b>N/A</b>	---	---
Sample Status		<b>NORMAL</b>	---	---

## PHYSICAL TEST RESULTS

method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*	<b>1.070</b>	---	---
pH	Scale 0-14 ASTM D1287*	<b>8.25</b>	---	---
Nitrites	ppm Alcan Test Kit*	<b>600</b>	---	---
Reserve Alkalinity	Scale 0-20 ASTM D1121*	<b>3.5</b>	---	---
Percentage Glycol	% ASTM D3321*	<b>52.2</b>	---	---
Freezing Point	°C ASTM D3321*	<b>-40</b>	---	---
Carboxylate		---	---	---

## CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m)	<b>27</b>	---	---
Phosphorus	ppm ASTM D5185(m)	<b>23</b>	---	---
Boron	ppm ASTM D5185(m)	<b>197</b>	---	---
Molybdenum	ppm ASTM D5185(m)	<b>0</b>	---	---

## CORROSION

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m) >15	<b>0</b>	---	---
Aluminum	ppm ASTM D5185(m) >10	<b>0</b>	---	---
Copper	ppm ASTM D5185(m) >10	<b>0</b>	---	---
Lead	ppm ASTM D5185(m) >10	<b>1</b>	---	---
Tin	ppm ASTM D5185(m) >10	<b>0</b>	---	---
Silver	ppm ASTM D5185(m) >10	<b>&lt;1</b>	---	---
Zinc	ppm ASTM D5185(m)	<b>0</b>	---	---

## CARRIER SALTS



method	limit/base	current	history1	history2
Sodium	ppm ASTM D5185(m)	<b>2609</b>	---	---
Potassium	ppm ASTM D5185(m)	<b>1103</b>	---	---

## SCALE POTENTIAL

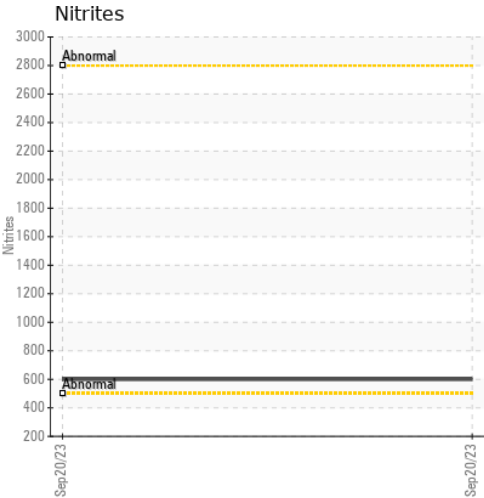
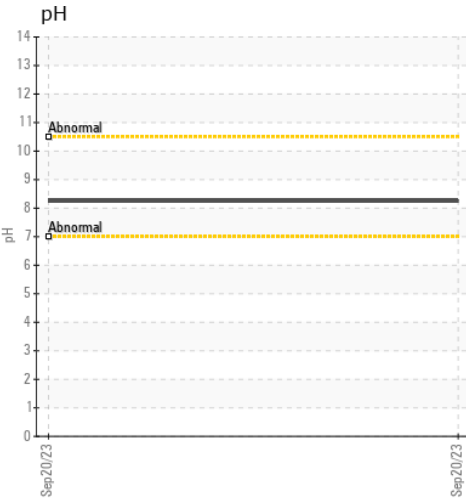
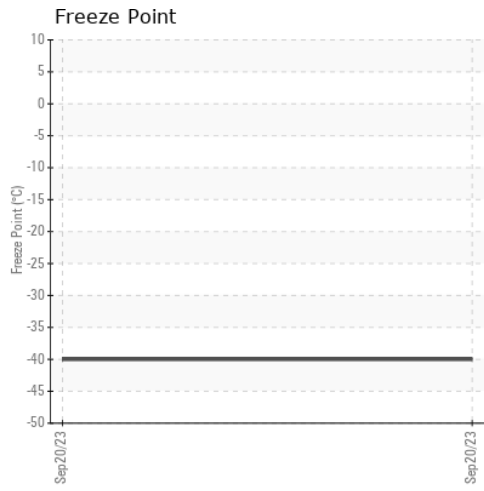
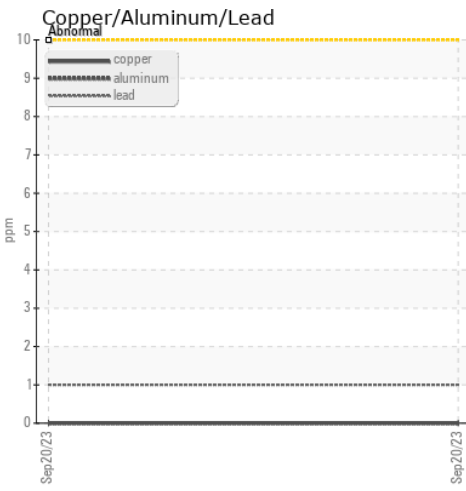
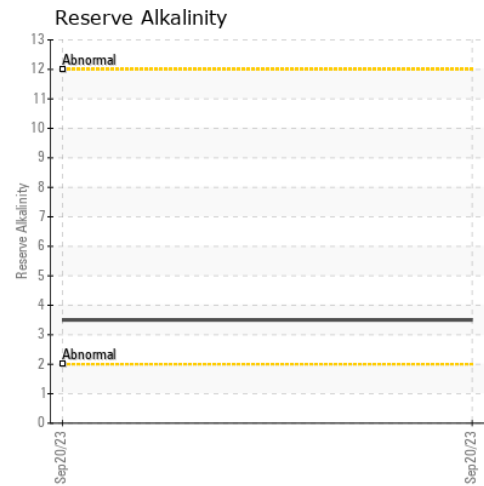
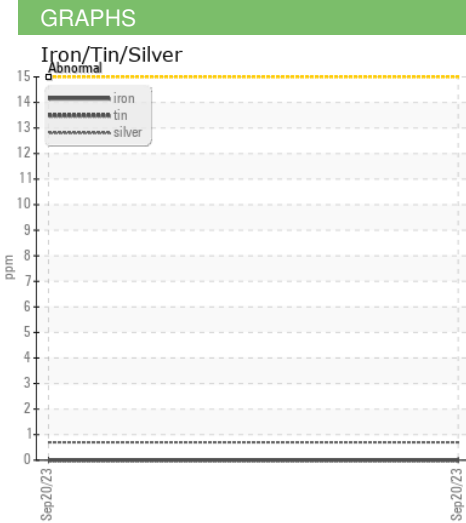
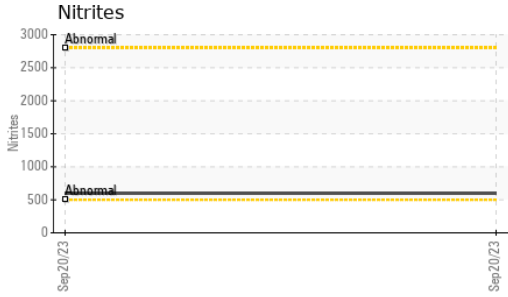
method	limit/base	current	history1	history2
Calcium	ppm ASTM D5185(m) >100	<b>3</b>	---	---
Magnesium	ppm ASTM D5185(m) >40	<b>&lt;1</b>	---	---
Hardness	mg/L CaCO3 In-house* <75	<b>8</b>	---	---

## VISUAL

method	limit/base	current	history1	history2
Coolant Color	Visual*	<b>Pink</b>	---	---
Coolant Appearance	Visual*	<b>Clear</b>	---	---

Color		no image	no image
Bottom		no image	no image

# COOLANT REPORT



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WA0020130  
**Lab Number** : 02588412  
**Unique Number** : 5657478  
**Test Package** : COOL

**Generatrice Drummond**  
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 CA J0C 1K0  
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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.