



# COOLANT REPORT

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

Area  
**[142229]**

Machine Id  
**KOHLER WALLACE ST SPS**

Component  
**Coolant**

Fluid  
**HYBRID (HOAT) COOLANT (--- LTR)**

## 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		<b>WC0919631</b>	WC0572419	WC0449634
Sample Date		Client Info		<b>10 Apr 2024</b>	23 Apr 2021	31 Mar 2020
Machine Age	hrs	Client Info		<b>0</b>	0	80
Oil Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

## CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	1
Aluminum	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	<1
Copper	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	<1
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	<1
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	3
Silver	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	0	<1
Zinc	ppm	ASTM D5185(m)	>10	<b>1</b>	2	2

## CONTAMINANTS

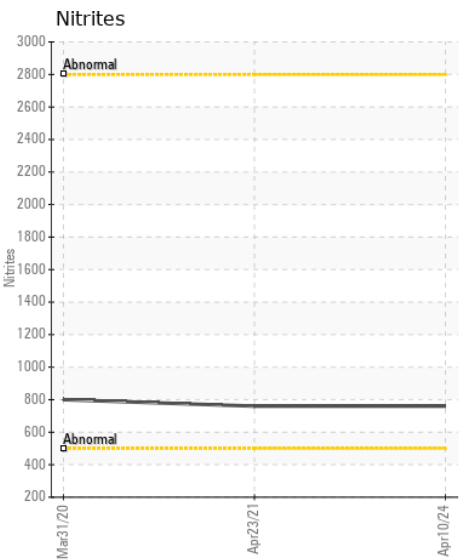
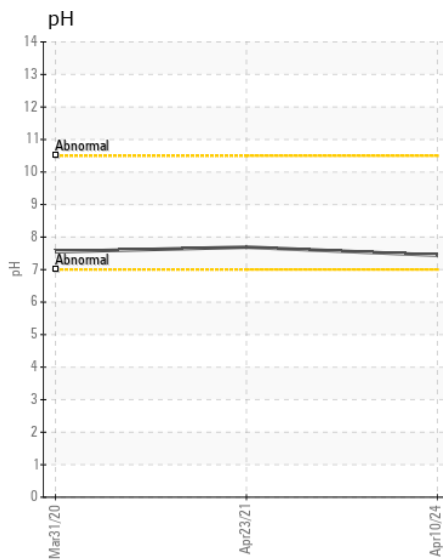
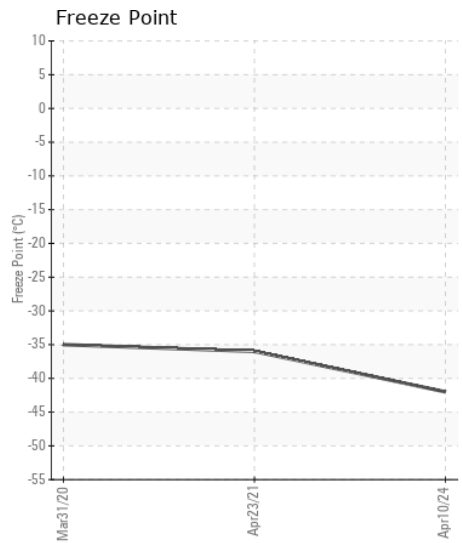
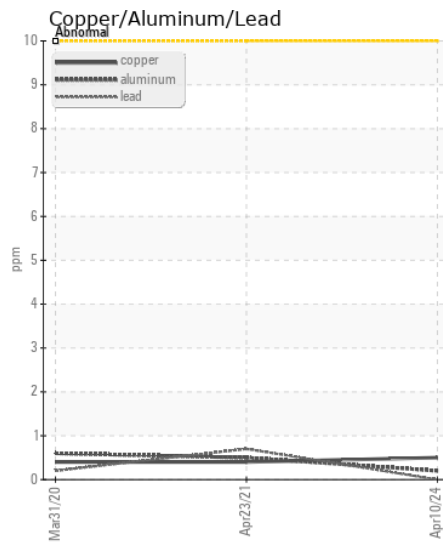
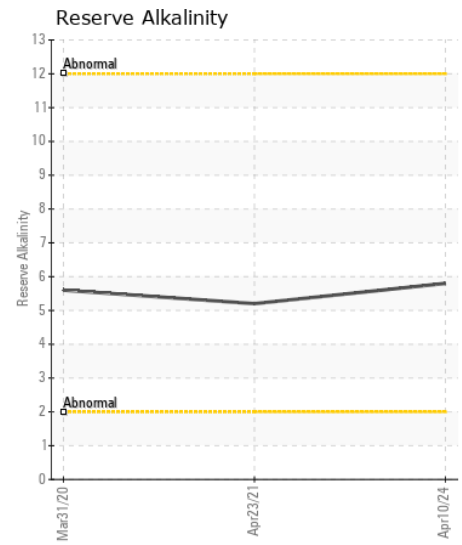
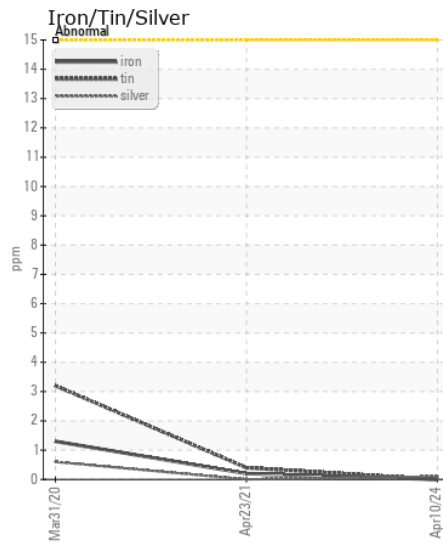
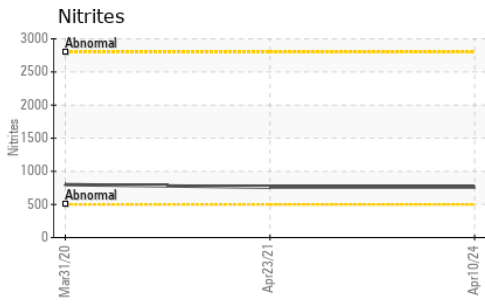
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>2</b>	8	2
Magnesium	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	2	1
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Coolant Appearance		Visual*	Clear	<b>---</b>	Clear	Clear

## COOLANT CONDITION

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

Boiling Point	°C	WC Method*		<b>108</b>	---	---
Specific Gravity		ASTM D1298*		<b>1.072</b>	1.067	1.066
pH	Scale 0-14	ASTM D1287*		<b>7.44</b>	7.69	7.55
Nitrites	ppm	Alcan Test Kit*		<b>760</b>	760	800
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>5.8</b>	5.2	5.6
Percentage Glycol	%	ASTM D3321*		<b>53.9</b>	50.0	49.0
Freezing Point	°C	ASTM D3321*		<b>-42</b>	-36	-35
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>30</b>	22	21
Phosphorus	ppm	ASTM D5185(m)		<b>55</b>	45	82
Boron	ppm	ASTM D5185(m)		<b>780</b>	849	953
Molybdenum	ppm	ASTM D5185(m)		<b>&lt;1</b>	4	3
Sodium	ppm	ASTM D5185(m)		<b>4749</b>	3223	3555
Potassium	ppm	ASTM D5185(m)		<b>241</b>	169	213
Coolant Color		Visual*		<b>---</b>	Orange	Yellow



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0919631 **Received** : 15 Apr 2024  
**Lab Number** : 02629053 **Tested** : 17 Apr 2024  
**Unique Number** : 5762185 **Diagnosed** : 17 Apr 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.

**GENREP LTD**  
 476 HWY 77, R.R. # 3  
 LEAMINGTON, ON  
 CA N8H 3V6  
 Contact: Debbie Johnston  
 djohnston@genrep.com  
 T: (519)325-0202  
 F: (519)322-0026