



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area

[142229]

Machine Id

KOHLER BASELINE SPS

Component

Coolant

Fluid

HYBRID (HOAT) COOLANT (15 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		WC0919625	WC0668148	WC106843
Sample Date		Client Info		10 Apr 2024	27 Apr 2022	08 Apr 2020
Machine Age	hrs	Client Info		0	0	67
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	<1
Copper	ppm	ASTM D5185(m)	>10	<1	2	<1
Lead	ppm	ASTM D5185(m)	>10	0	<1	0
Tin	ppm	ASTM D5185(m)	>10	0	<1	<1
Silver	ppm	ASTM D5185(m)	>10	0	<1	0
Zinc	ppm	ASTM D5185(m)	>10	<1	1	0

CONTAMINANTS

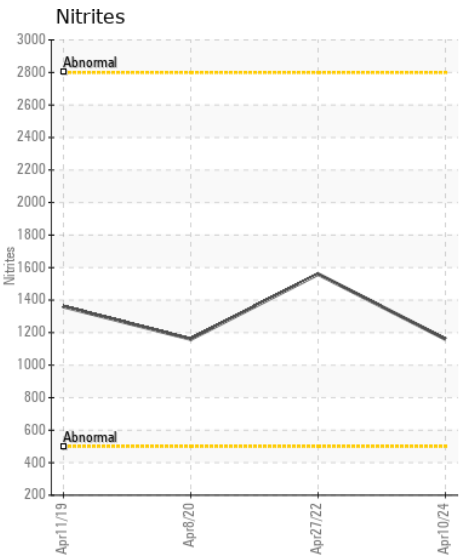
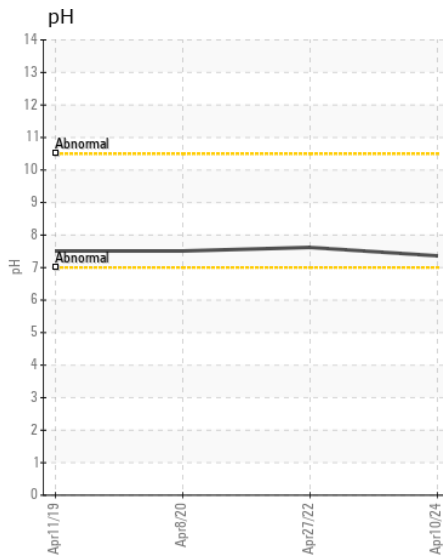
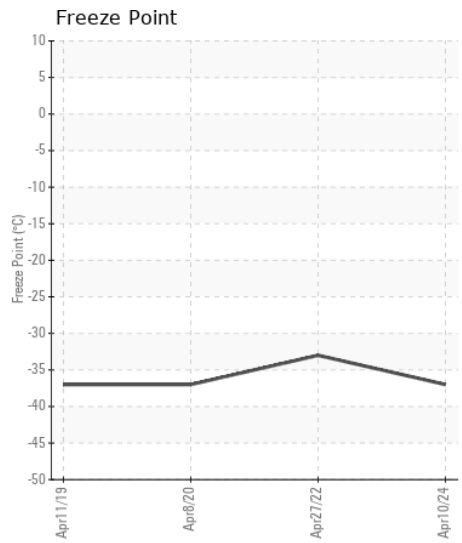
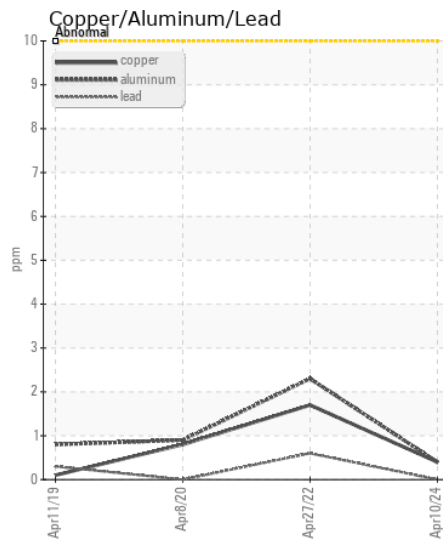
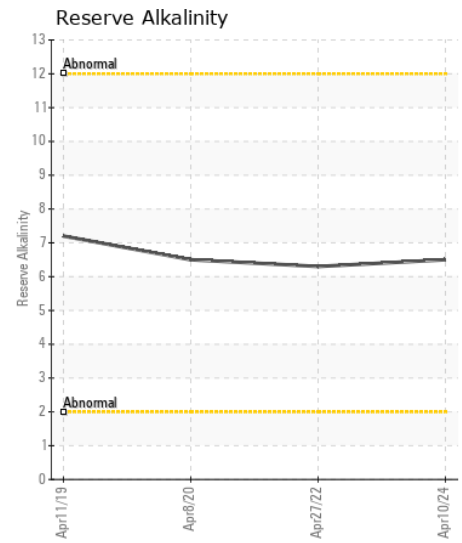
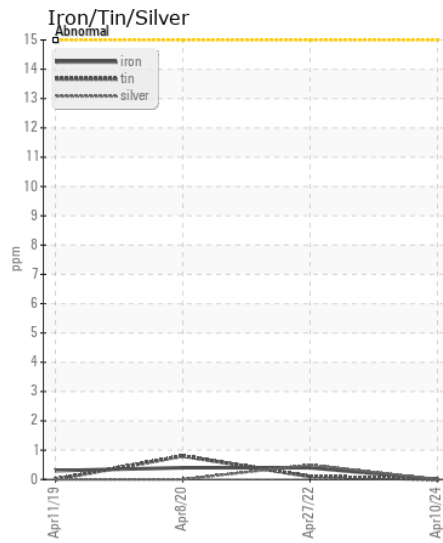
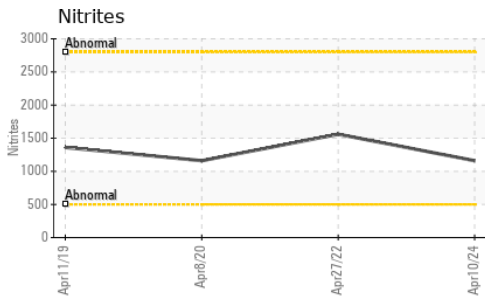
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	8	9	6
Magnesium	ppm	ASTM D5185(m)	>40	1	1	<1
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Coolant Appearance		Visual*	Clear	---	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*		107	---	---
Specific Gravity		ASTM D1298*		1.067	1.067	1.067
pH	Scale 0-14	ASTM D1287*		7.36	7.62	7.51
Nitrites	ppm	Alcan Test Kit*		1160	1560	1160
Reserve Alkalinity	Scale 0-20	ASTM D1121*		6.5	6.3	6.5
Percentage Glycol	%	ASTM D3321*		50.0	49.6	50.0
Freezing Point	°C	ASTM D3321*		-37	-33	-37
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		31	45	34
Phosphorus	ppm	ASTM D5185(m)		21	26	22
Boron	ppm	ASTM D5185(m)		1168	1136	1300
Molybdenum	ppm	ASTM D5185(m)		16	26	16
Sodium	ppm	ASTM D5185(m)		5771	2468	3759
Potassium	ppm	ASTM D5185(m)		311	391	369
Coolant Color		Visual*		---	Yellow	Yellow



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0919625 **Received** : 15 Apr 2024
Lab Number : 02629052 **Tested** : 17 Apr 2024
Unique Number : 5762184 **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