



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
CBRE LTD [182187]

Machine Id
N/A DD5272002165

Component
Coolant

Fluid
EXTENDED LIFE COOLANT (--- GAL)

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		WA0020106	WA0018708	WA0016444
Sample Date		Client Info		06 Apr 2024	29 Oct 2022	04 Sep 2021
Machine Age	hrs	Client Info		491	461	443
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	N/A	Changed
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	3	2
Aluminum	ppm	ASTM D5185(m)	>10	3	<1	2
Copper	ppm	ASTM D5185(m)	>10	<1	4	<1
Lead	ppm	ASTM D5185(m)	>10	0	<1	<1
Tin	ppm	ASTM D5185(m)	>10	0	0	<1
Silver	ppm	ASTM D5185(m)	>10	<1	0	<1
Zinc	ppm	ASTM D5185(m)	>10	2	3	2

CONTAMINANTS

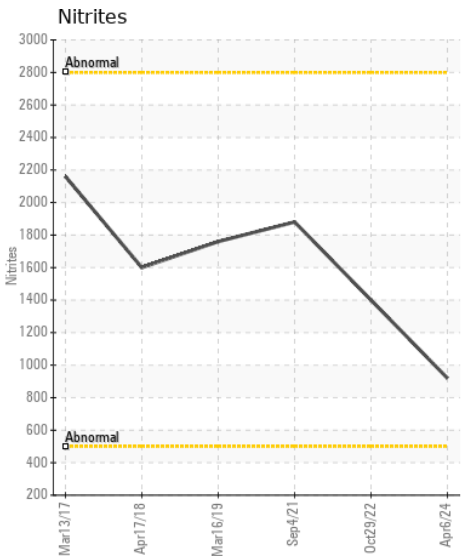
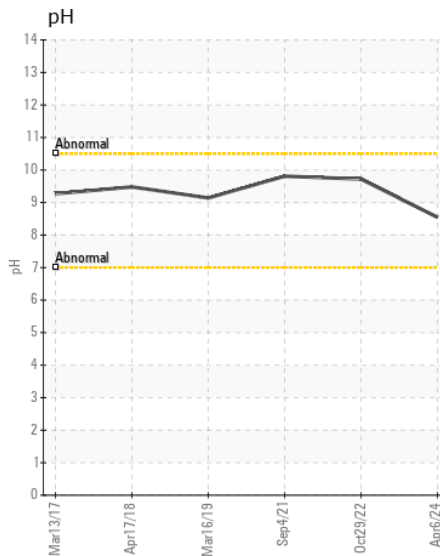
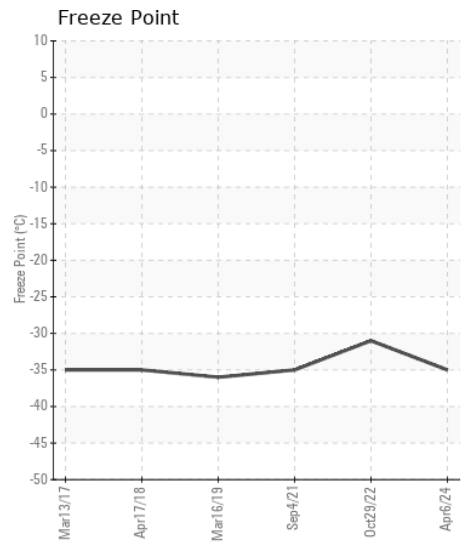
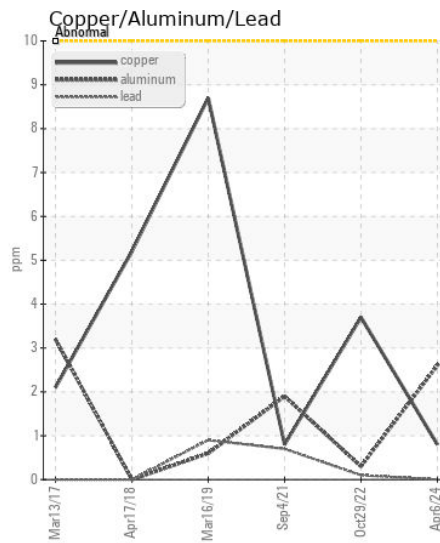
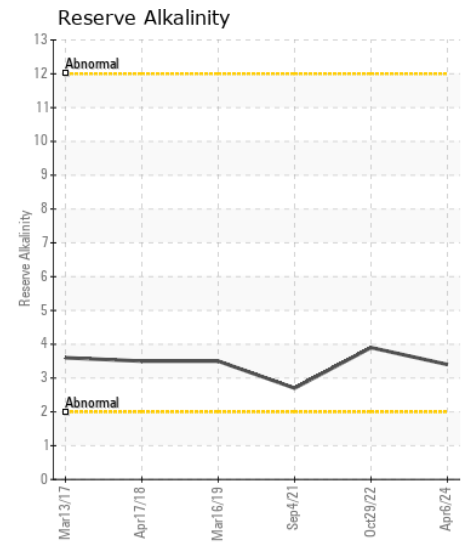
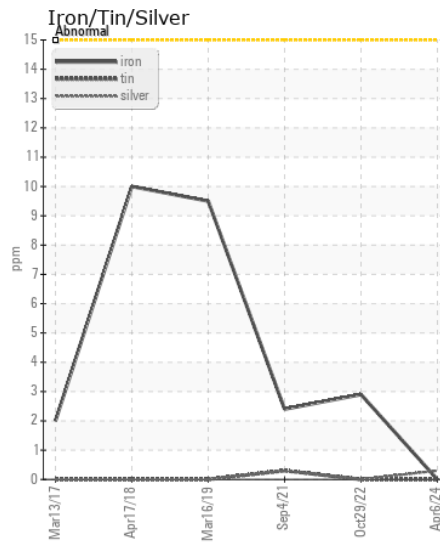
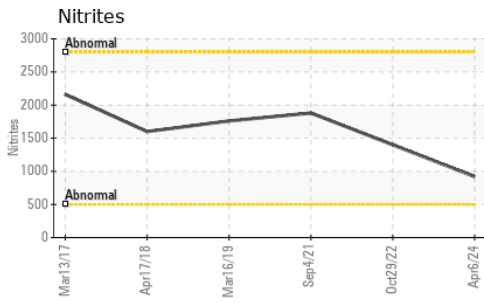
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	6	4	3
Magnesium	ppm	ASTM D5185(m)	>40	2	<1	1
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Coolant Appearance		Visual*	Clear	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*		1.065	1.065	1.066
pH	Scale 0-14	ASTM D1287*	9.0	8.55	9.72	9.81
Nitrites	ppm	Alcan Test Kit*		920	1400	1880
Reserve Alkalinity	Scale 0-20	ASTM D1121*		3.4	3.9	2.7
Percentage Glycol	%	ASTM D3321*	50	48.3	48.4	49.0
Freezing Point	°C	ASTM D3321*	-40	-35	-31	-35
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		26	61	52
Phosphorus	ppm	ASTM D5185(m)		22	22	10
Boron	ppm	ASTM D5185(m)		32	194	177
Molybdenum	ppm	ASTM D5185(m)		471	13	12
Sodium	ppm	ASTM D5185(m)		4457	1435	1277
Potassium	ppm	ASTM D5185(m)		103	338	417
Coolant Color		Visual*	Orange/R	Red	Green	Green



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0020106 **Received** : 06 May 2024
Lab Number : 02633691 **Tested** : 06 May 2024
Unique Number : 5774844 **Diagnosed** : 07 May 2024 - Kevin Marson
Test Package : COOL (Additional Tests: GlycolType)

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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.