



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
ASCENT MCC HOLDINGS [265173]

Machine Id
528101945

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		WA0017207	WA0019047	WA0018511
Sample Date		Client Info		26 Apr 2024	13 Apr 2023	23 Sep 2022
Machine Age	hrs	Client Info		374	295	354
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	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	<1	<1
Copper	ppm	ASTM D5185(m)	>10	2	3	3
Lead	ppm	ASTM D5185(m)	>10	0	<1	0
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	0	2

CONTAMINANTS

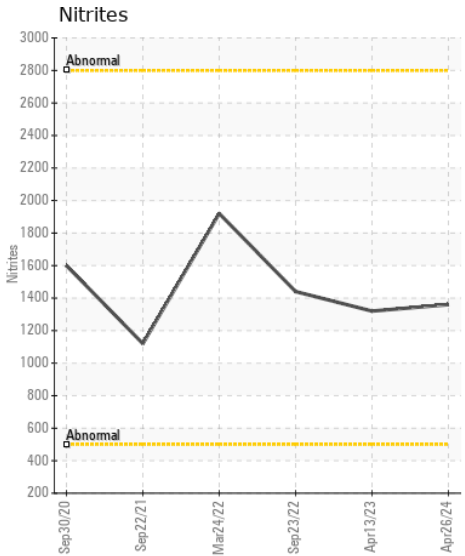
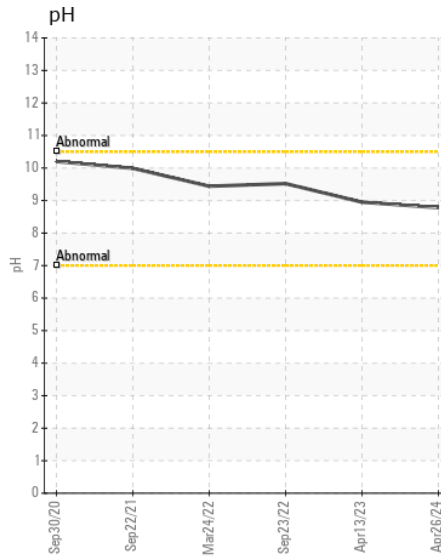
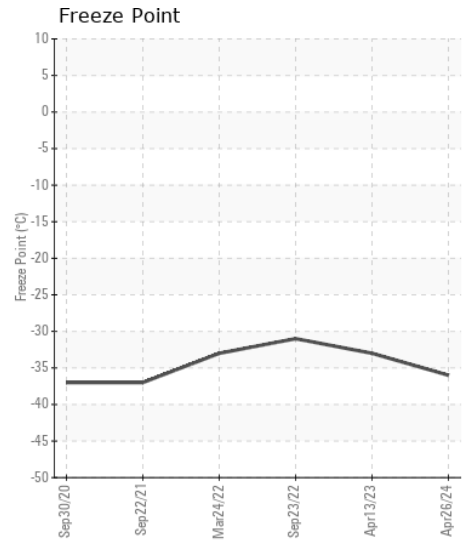
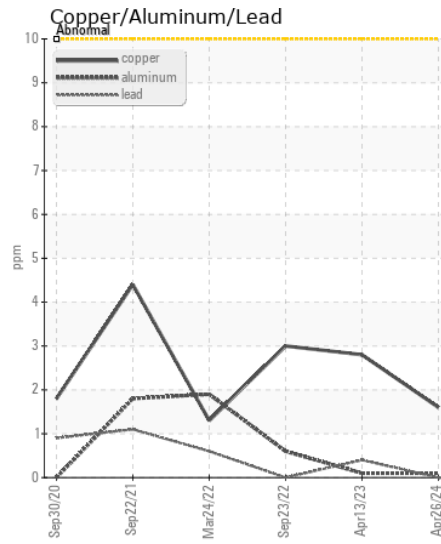
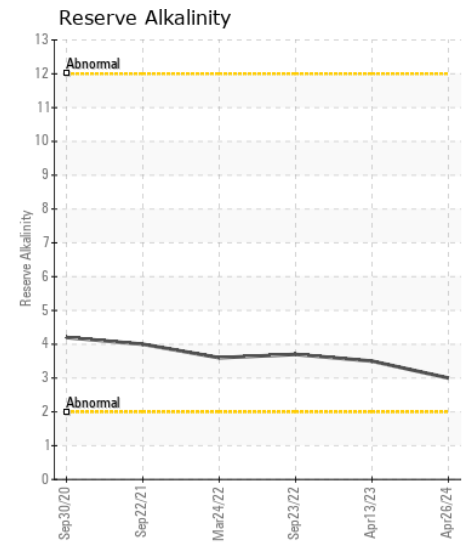
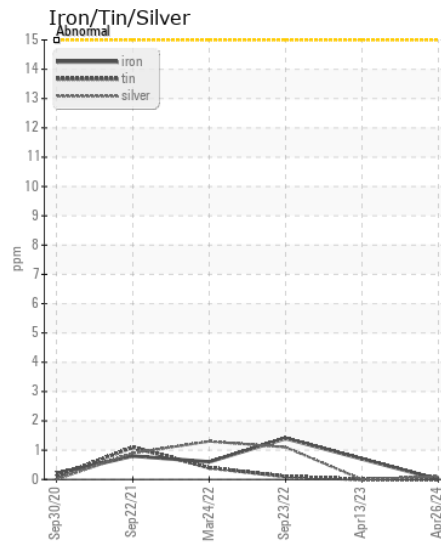
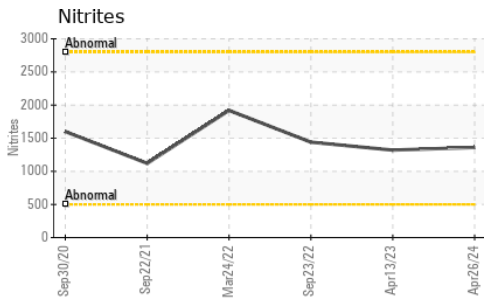
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	5	4	14
Magnesium	ppm	ASTM D5185(m)	>40	1	2	2
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*		1.066	1.066	1.065
pH	Scale 0-14	ASTM D1287*	9.0	8.78	8.95	9.52
Nitrites	ppm	Alcan Test Kit*		1360	1320	1440
Reserve Alkalinity	Scale 0-20	ASTM D1121*		3.0	3.5	3.7
Percentage Glycol	%	ASTM D3321*	50	49.1	49.1	48.3
Freezing Point	°C	ASTM D3321*	-40	-36	-33	-31
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		27	33	35
Phosphorus	ppm	ASTM D5185(m)		14	10	13
Boron	ppm	ASTM D5185(m)		172	215	211
Molybdenum	ppm	ASTM D5185(m)		0	1	14
Sodium	ppm	ASTM D5185(m)		1840	1668	1756
Potassium	ppm	ASTM D5185(m)		802	899	885
Coolant Color		Visual*	Orange/R	Red	Red	Red



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0017207
Lab Number : 02633680
Unique Number : 5774833
Test Package : COOL (Additional Tests: GlycolType)

Received : 06 May 2024
Tested : 06 May 2024
Diagnosed : 07 May 2024 - Kevin Marson

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.

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