



CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Machine Id
1252
 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		PC0084327	PC0084188	PC0082235
Sample Date		Client Info		17 Jun 2024	17 Jun 2024	17 Oct 2023
Machine Age	hrs	Client Info		7147	7147	6102
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	---	ABNORMAL

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	6	▲ 16	▲ 28
Aluminum	ppm	ASTM D5185(m)	>10	1	6	<1
Copper	ppm	ASTM D5185(m)	>10	2	3	▲ 10
Lead	ppm	ASTM D5185(m)	>10	0	3	<1
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Silver	ppm	ASTM D5185(m)	>10	0	<1	<1
Zinc	ppm	ASTM D5185(m)	>10	2	4	5

CONTAMINANTS

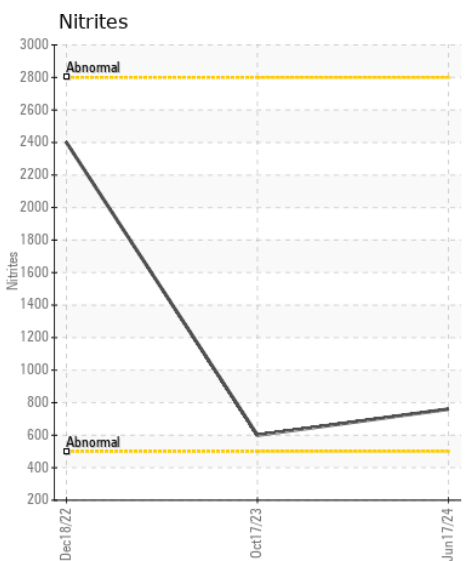
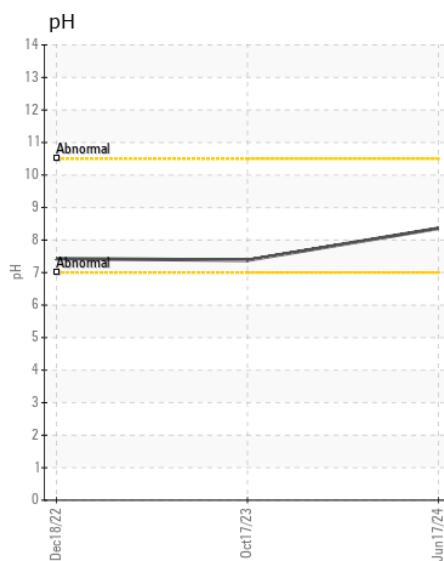
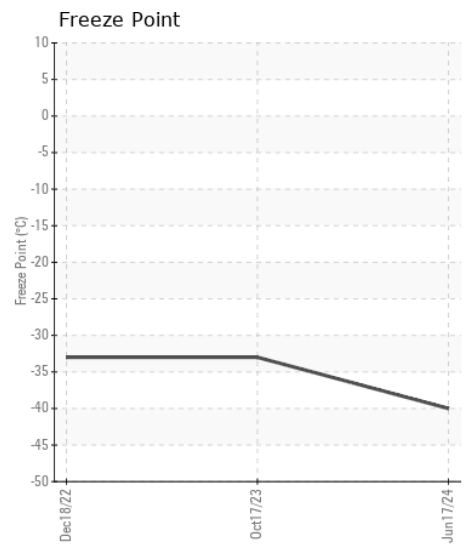
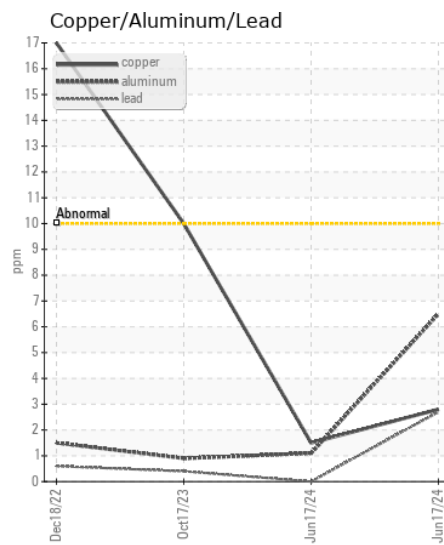
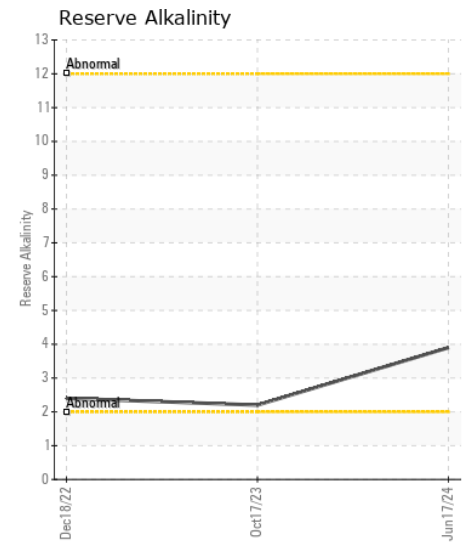
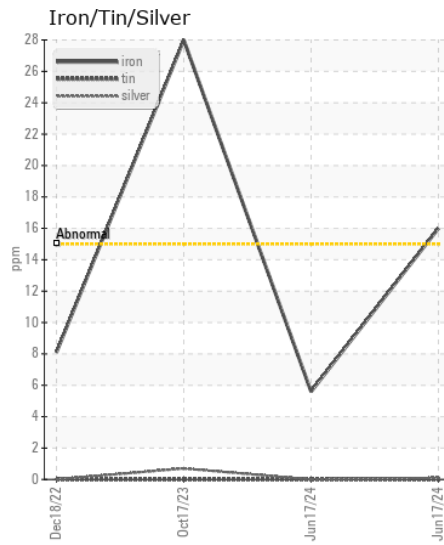
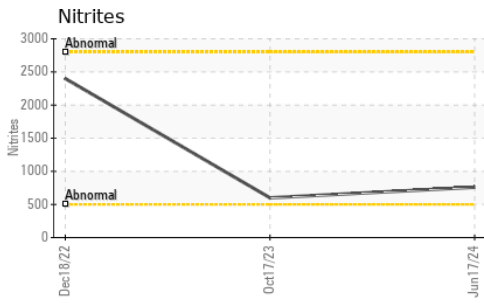
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	10	88	9
Magnesium	ppm	ASTM D5185(m)	>40	6	2	<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*		108	---	---
Specific Gravity		ASTM D1298*		1.070	---	1.066
pH	Scale 0-14	ASTM D1287*	9.0	8.36	---	7.38
Nitrites	ppm	Alcan Test Kit*		760	---	600
Reserve Alkalinity	Scale 0-20	ASTM D1121*		3.9	---	2.2
Percentage Glycol	%	ASTM D3321*	50	52.8	---	49.1
Freezing Point	°C	ASTM D3321*	-40	-40	---	-33
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		18	11	30
Phosphorus	ppm	ASTM D5185(m)		30	183	15
Boron	ppm	ASTM D5185(m)		63	65	271
Molybdenum	ppm	ASTM D5185(m)		183	2	54
Sodium	ppm	ASTM D5185(m)		4710	30	2578
Potassium	ppm	ASTM D5185(m)		3625	48	830
Coolant Color		Visual*	Orange/R	Red	---	Pink



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0084327
Lab Number : 02642713
Unique Number : 5800252
Test Package : COOL (Additional Tests: GlycolType)

LES ENTREPRISES MICHAUDVILLE INC.
 270 RUE BRUNET
 MONT ST-HILAIRE, QC
 CA J3H 0M6
 Contact: Martin Trudel
 mtrudel@michaudville.com

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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F: