



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
BENNET HEALTH CARE [285647]

Machine Id
MTU PE6068L032479

Component
Coolant
Fluid
CONVENTIONAL 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		WA0021516	WA0019697	WA0017863
Sample Date		Client Info		01 May 2024	12 May 2023	27 May 2022
Machine Age	hrs	Client Info		218	214	192
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	N/A
Sample Status				NORMAL	ABNORMAL	ABNORMAL

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	2	▲ 17	7
Aluminum	ppm	ASTM D5185(m)	>10	<1	2	3
Copper	ppm	ASTM D5185(m)	>10	6	7	6
Lead	ppm	ASTM D5185(m)	>10	8	▲ 25	▲ 16
Tin	ppm	ASTM D5185(m)	>10	0	<1	0
Silver	ppm	ASTM D5185(m)	>10	<1	0	<1
Zinc	ppm	ASTM D5185(m)	>10	3	6	4

CONTAMINANTS

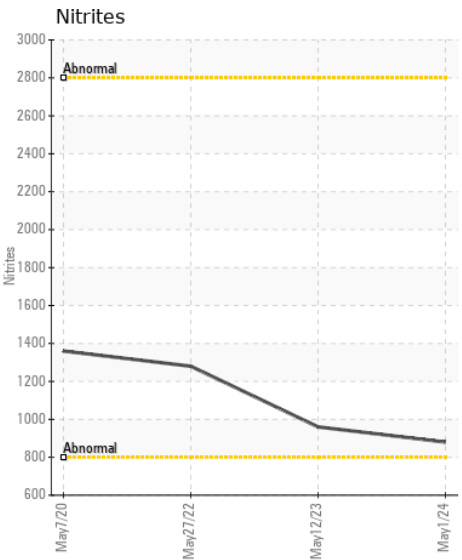
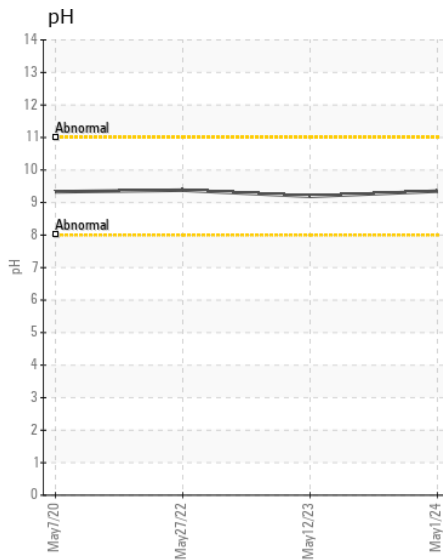
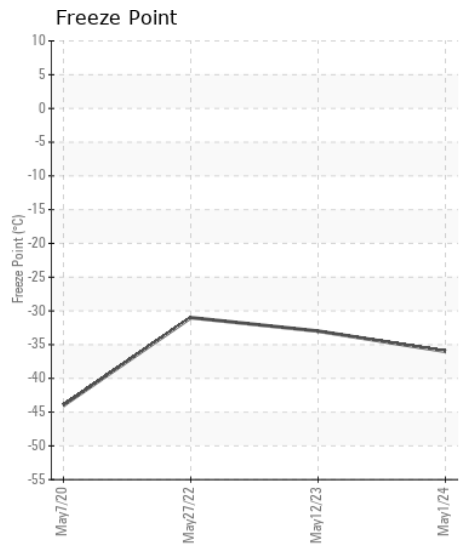
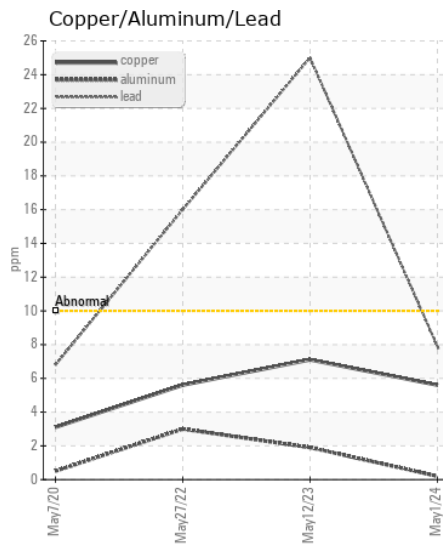
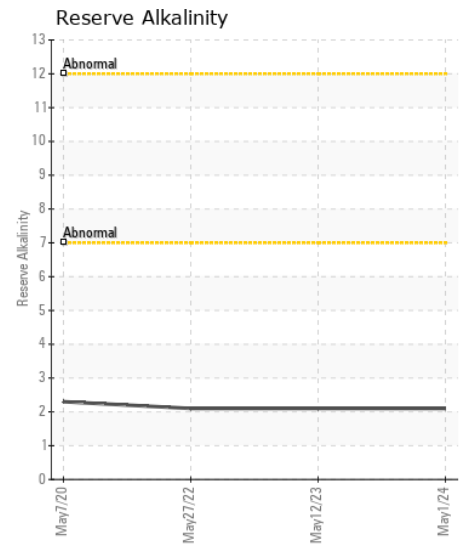
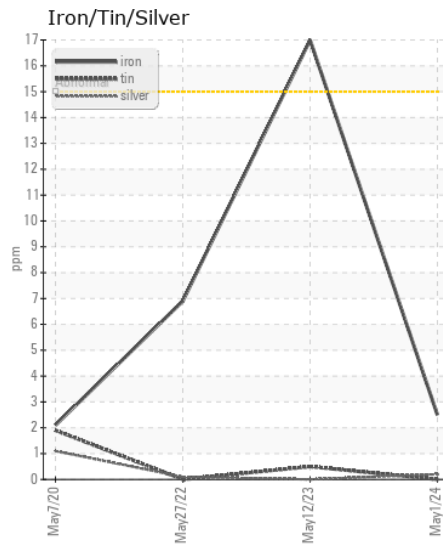
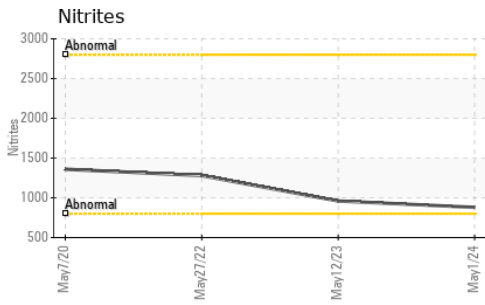
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	3	4	5
Magnesium	ppm	ASTM D5185(m)	>40	2	2	1
Appearance	scalar	Visual*	NORML	NORML	▲ HAZY	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Coolant Appearance		Visual*	Clear	Cloudy	▲ Opaque	▲ Cloudy

COOLANT CONDITION

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

Boiling Point	°C	WC Method*		107	---	---
Specific Gravity		ASTM D1298*		1.067	1.067	1.066
pH	Scale 0-14	ASTM D1287*	9.5	9.35	9.19	9.38
Nitrites	ppm	Alcan Test Kit*	1500	880	960	1280
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	2.1	2.1	2.1
Percentage Glycol	%	ASTM D3321*	50	49.3	49.2	48.8
Freezing Point	°C	ASTM D3321*	-40	-36	-33	-31
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		4	6	4
Phosphorus	ppm	ASTM D5185(m)		13	6	7
Boron	ppm	ASTM D5185(m)		130	144	173
Molybdenum	ppm	ASTM D5185(m)		0	<1	<1
Sodium	ppm	ASTM D5185(m)		1462	1233	1267
Potassium	ppm	ASTM D5185(m)		126	130	138
Coolant Color		Visual*	Green	Pink	Orange	Pink



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0021516 **Received** : 06 May 2024
Lab Number : 02633679 **Tested** : 06 May 2024
Unique Number : 5774832 **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.