



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

COOLANT REPORT

CORROSION

MARGINAL

CONTAMINANTS

NORMAL

COOLANT CONDITION

NORMAL

Area

IVAN FRANKO HOME [275717]

Machine Id

PE3029D344002

Component

Coolant

Fluid

EXTENDED LIFE COOLANT (--- GAL)

RECOMMENDATION

The coolant change at the time of sampling has been noted. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WA0021251	WA0019511	WA0017497
Sample Date		Client Info		12 Apr 2024	05 Apr 2023	02 Feb 2022
Machine Age	hrs	Client Info		491	474	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				MARGINAL	ABNORMAL	ABNORMAL

CORROSION

The lead level is marginal.

Iron	ppm	ASTM D5185(m)	>15	0	1	▲ 15
Aluminum	ppm	ASTM D5185(m)	>10	0	1	3
Copper	ppm	ASTM D5185(m)	>10	8	▲ 12	6
Lead	ppm	ASTM D5185(m)	>10	▲ 10	▲ 18	▲ 60
Tin	ppm	ASTM D5185(m)	>10	0	0	3
Silver	ppm	ASTM D5185(m)	>10	<1	0	<1
Zinc	ppm	ASTM D5185(m)	>10	4	4	4

CONTAMINANTS

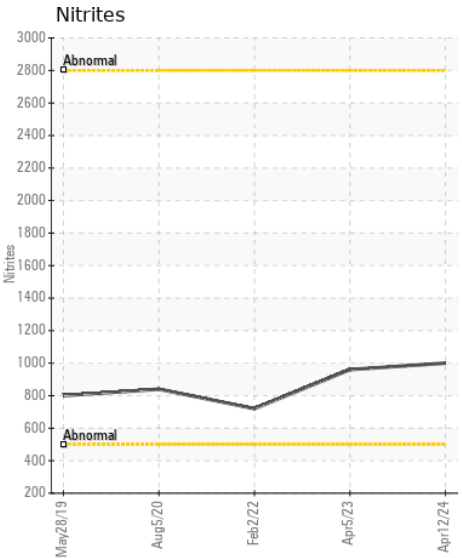
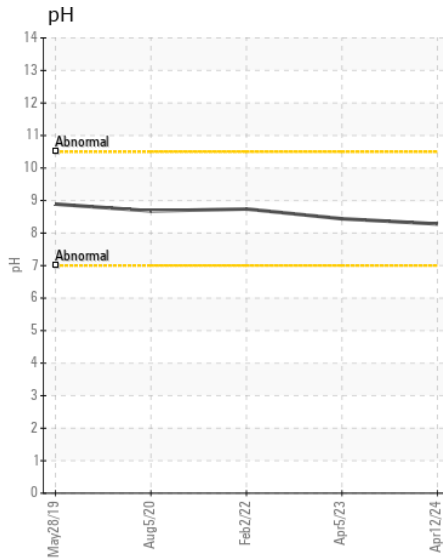
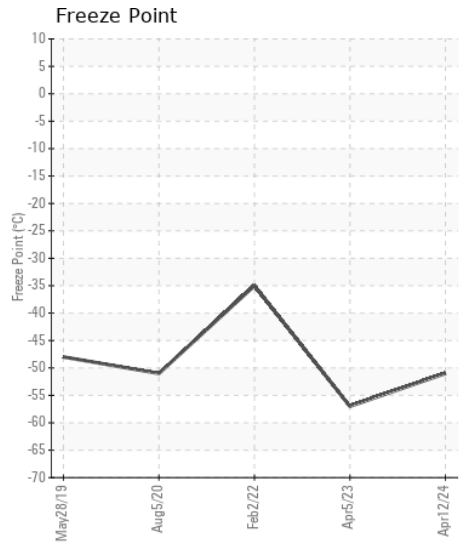
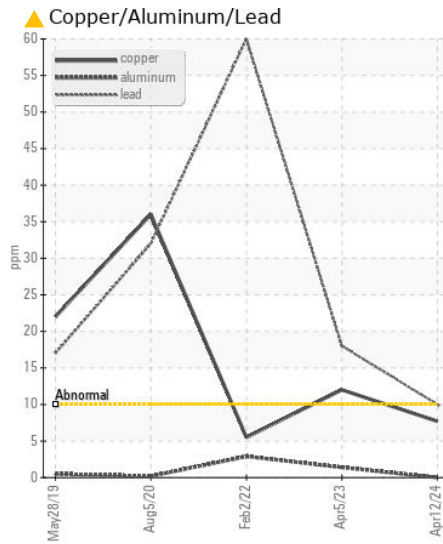
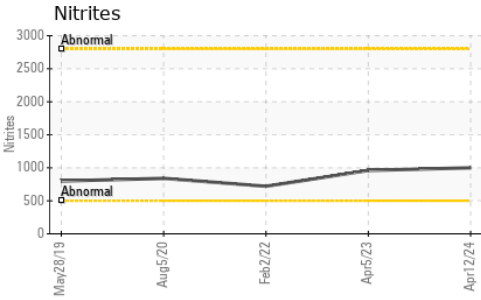
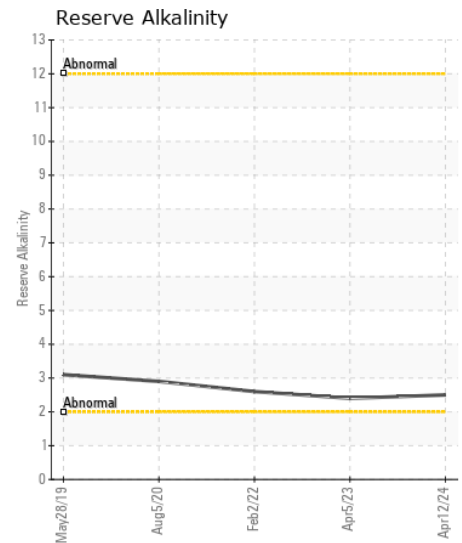
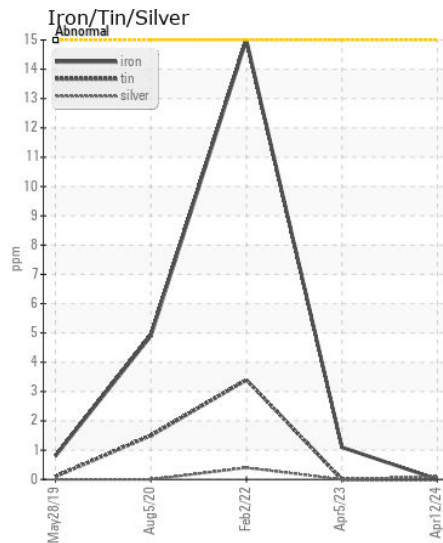
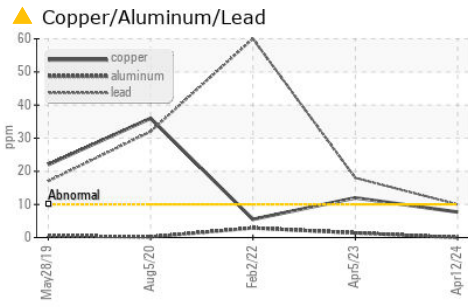
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	5	6	4
Magnesium	ppm	ASTM D5185(m)	>40	2	5	2
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Coolant Appearance		Visual*	Clear	Cloudy	Clear	▲ Very cld

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*		111	---	---
Specific Gravity		ASTM D1298*		1.081	1.080	1.066
pH	Scale 0-14	ASTM D1287*	9.0	8.28	8.44	8.74
Nitrites	ppm	Alcan Test Kit*		1000	960	720
Reserve Alkalinity	Scale 0-20	ASTM D1121*		2.5	2.4	2.6
Percentage Glycol	%	ASTM D3321*	50	61.8	60.5	49.0
Freezing Point	°C	ASTM D3321*	-40	-51	-57	-35
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		57	61	23
Phosphorus	ppm	ASTM D5185(m)		8	3	10
Boron	ppm	ASTM D5185(m)		63	56	40
Molybdenum	ppm	ASTM D5185(m)		<1	2	10
Sodium	ppm	ASTM D5185(m)		4744	3382	2090
Potassium	ppm	ASTM D5185(m)		3683	2955	2059
Coolant Color		Visual*	Orange/R	Orange	Red	Orange



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0021251 **Received** : 06 May 2024
Lab Number : 02633684 **Tested** : 06 May 2024
Unique Number : 5774837 **Diagnosed** : 07 May 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.

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