



**POWER SYSTEMS**  
**SYSTÈMES DE PUISSANCE**

**COOLANT REPORT**

CORROSION	<b>NORMAL</b>
CONTAMINANTS	<b>NORMAL</b>
COOLANT CONDITION	<b>NORMAL</b>

Area  
**TRIPAR TRANSPORT [285685]**

Machine Id  
**PE3029T409670**

Component  
**Coolant**

Fluid  
**EXTENDED LIFE COOLANT (--- LTR)**

**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		<b>WA0021515</b>	WA0019508	WA0017961
Sample Date		Client Info		<b>07 May 2024</b>	03 May 2023	06 May 2022
Machine Age	hrs	Client Info		<b>534</b>	509	506
Oil Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Changed	Changed
Sample Status				<b>NORMAL</b>	NORMAL	MARGINAL

**CORROSION**

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

Iron	ppm	ASTM D5185(m)	>15	<b>14</b>	<1	<1
Aluminum	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	2	3
Copper	ppm	ASTM D5185(m)	>10	<b>6</b>	8	▲ 10
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	1
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Silver	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	0	<1
Zinc	ppm	ASTM D5185(m)	>10	<b>1</b>	0	1

**CONTAMINANTS**

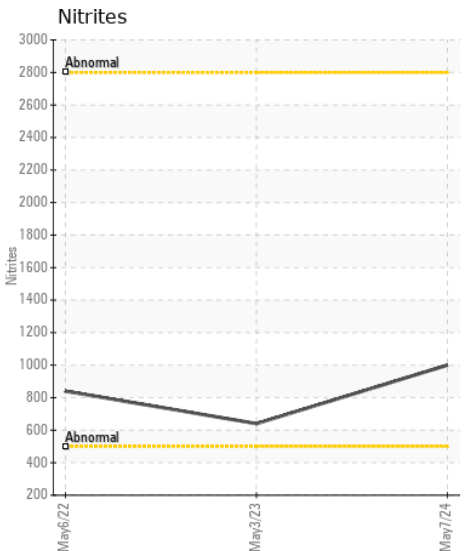
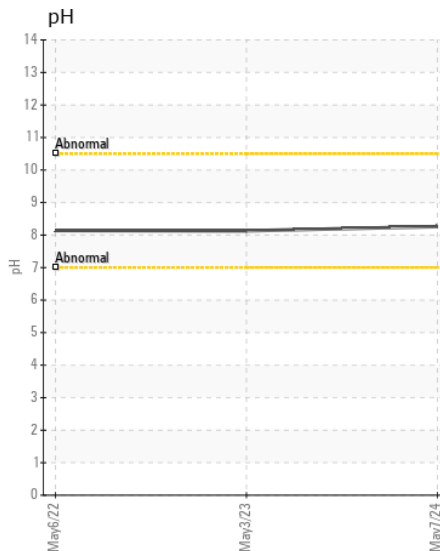
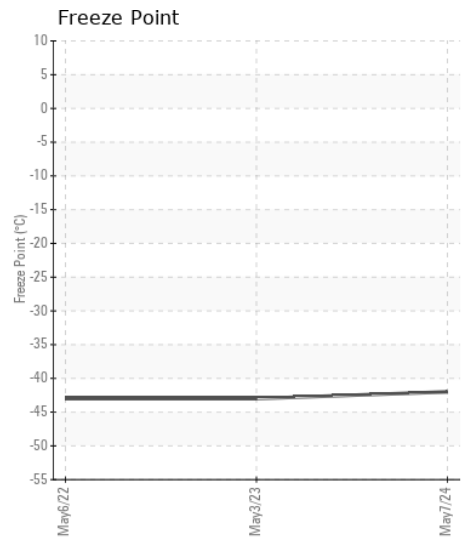
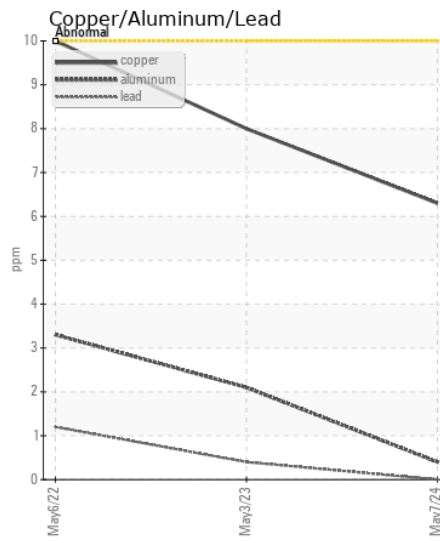
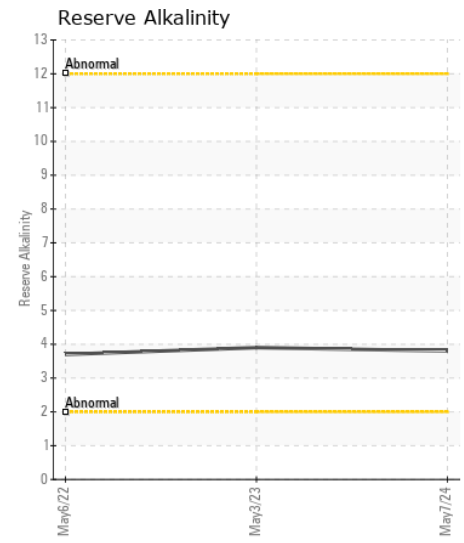
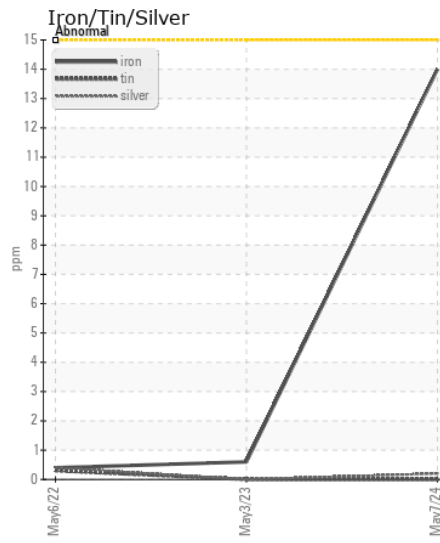
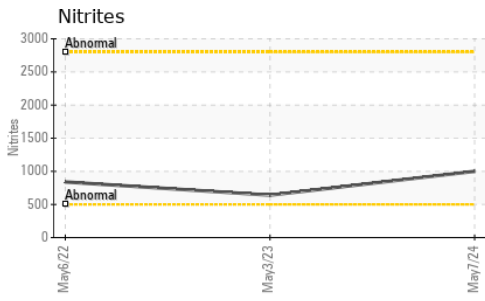
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>&lt;1</b>	1	1
Magnesium	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	<1
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Coolant Appearance		Visual*	Clear	<b>Clear</b>	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*		<b>108</b>	---	---
Specific Gravity		ASTM D1298*		<b>1.071</b>	1.072	1.071
pH	Scale 0-14	ASTM D1287*	9.0	<b>8.26</b>	8.13	8.14
Nitrites	ppm	Alcan Test Kit*		<b>1000</b>	640	840
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>3.8</b>	3.9	3.7
Percentage Glycol	%	ASTM D3321*	50	<b>53.2</b>	53.8	53.4
Freezing Point	°C	ASTM D3321*	-40	<b>-42</b>	-43	-43
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>20</b>	21	19
Phosphorus	ppm	ASTM D5185(m)		<b>559</b>	619	572
Boron	ppm	ASTM D5185(m)		<b>17</b>	19	18
Molybdenum	ppm	ASTM D5185(m)		<b>141</b>	166	189
Sodium	ppm	ASTM D5185(m)		<b>3064</b>	2072	1789
Potassium	ppm	ASTM D5185(m)		<b>1675</b>	1434	1442
Coolant Color		Visual*	Orange/R	<b>Orange</b>	Orange	Orange



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WA0021515 **Received** : 16 May 2024  
**Lab Number** : 02636214 **Tested** : 17 May 2024  
**Unique Number** : 5785376 **Diagnosed** : 21 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.

**Wajax Power Systems**  
 10 Diesel Drive  
 Toronto, ON  
 CA M8W 2T8  
 Contact: David Gilkes  
 dgilkes@wajax.com  
 T: (416)259-3281  
 F: (416)251-6191