



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

COOLANT REPORT

| | |
|-------------------|---------------|
| CORROSION | NORMAL |
| CONTAMINANTS | NORMAL |
| COOLANT CONDITION | NORMAL |

Area

[6100299030]

Machine Id

G6B11381

Component

Coolant

Fluid

CAT EXTENDED LIFE COOLANT (ELC) (--- 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 | | WA0020213 | WA0009804 | WA0008281 |
| Sample Date | | Client Info | | 18 Jun 2024 | 12 Jan 2017 | 17 Nov 2015 |
| Machine Age | hrs | Client Info | | 0 | 161 | 148 |
| Oil Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | N/A | Not Changd | Not Changd |
| 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 | 0 | 1 |
| Aluminum | ppm | ASTM D5185(m) | >10 | 1 | 1 | 4 |
| Copper | ppm | ASTM D5185(m) | >10 | 0 | <1 | <1 |
| Lead | ppm | ASTM D5185(m) | >10 | 0 | <1 | 2 |
| Tin | ppm | ASTM D5185(m) | >10 | 0 | 0 | <1 |
| Silver | ppm | ASTM D5185(m) | >10 | 0 | 0 | 0 |
| Zinc | ppm | ASTM D5185(m) | >10 | 2 | 0 | 3 |

CONTAMINANTS

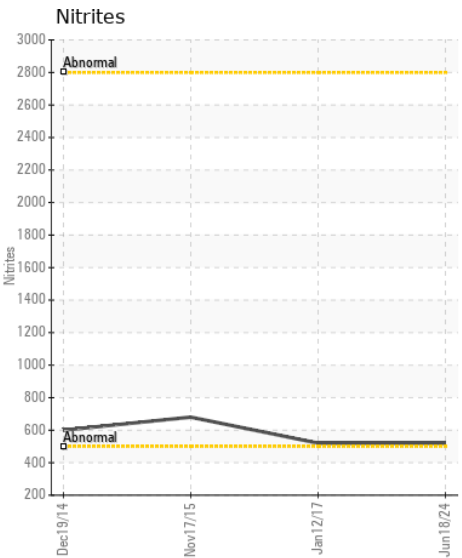
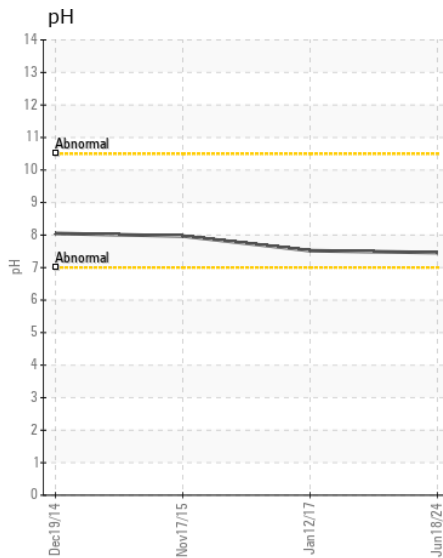
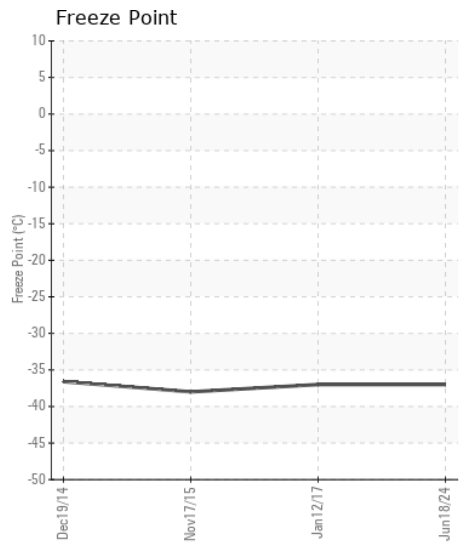
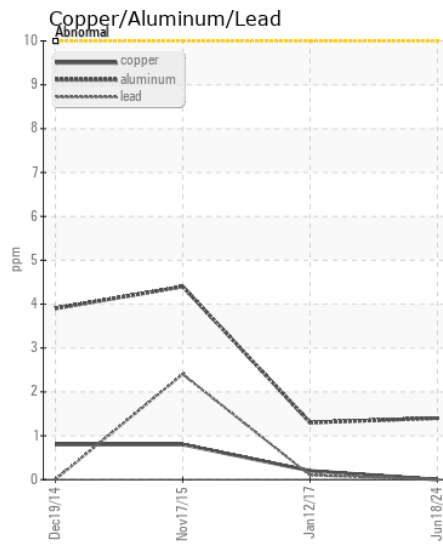
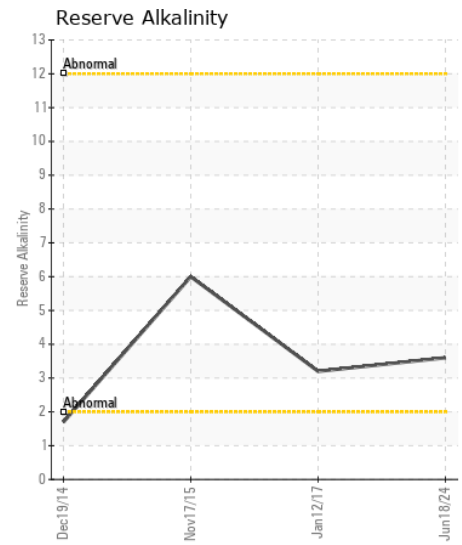
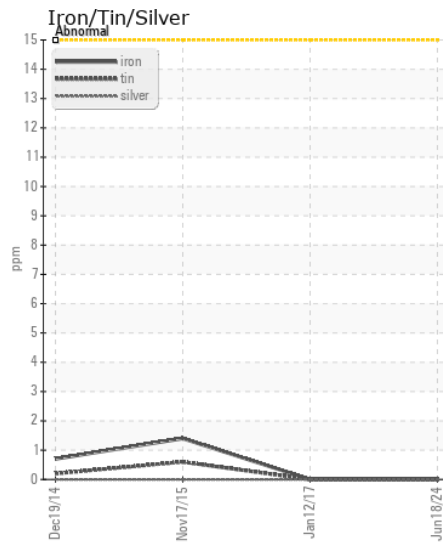
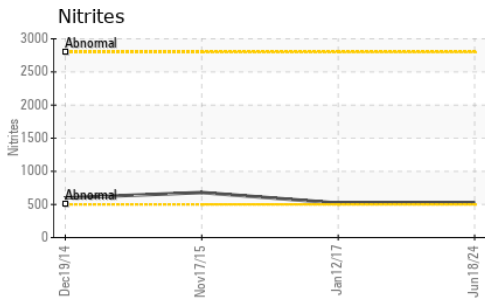
There is no indication of any contamination in the coolant.

| | | | | | | |
|--------------------|--------|---------------|-------|--------------|-------|-------|
| Calcium | ppm | ASTM D5185(m) | >100 | 8 | <1 | 6 |
| Magnesium | ppm | ASTM D5185(m) | >40 | 6 | 4 | 6 |
| 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* | 1.070 | 1.068 | 1.067 | 1.067 |
| pH | Scale 0-14 | ASTM D1287* | 8.3 | 7.46 | 7.52 | 7.97 |
| Nitrites | ppm | Alcan Test Kit* | 550 | 520 | 520 | 680 |
| Reserve Alkalinity | Scale 0-20 | ASTM D1121* | 5.5 | 3.6 | 3.2 | 6.0 |
| Percentage Glycol | % | ASTM D3321* | 50 | 50.7 | 50.0 | 50.0 |
| Freezing Point | °C | ASTM D3321* | -37 | -37 | -37 | -38 |
| Carboxylate | | | | --- | --- | --- |
| Silicon | ppm | ASTM D5185(m) | 0 | 13 | 3 | 11 |
| Phosphorus | ppm | ASTM D5185(m) | 0 | 12 | 6 | 19 |
| Boron | ppm | ASTM D5185(m) | 0 | 28 | 23 | 23 |
| Molybdenum | ppm | ASTM D5185(m) | 950 | 465 | 601 | 672 |
| Sodium | ppm | ASTM D5185(m) | | 5120 | 2843 | 4351 |
| Potassium | ppm | ASTM D5185(m) | | 79 | 86 | 74 |
| Coolant Color | | Visual* | Red | Red | Red | Red |



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0020213 **Received** : 26 Jun 2024
Lab Number : 02644250 **Tested** : 26 Jun 2024
Unique Number : 5801789 **Diagnosed** : 27 Jun 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
 70 Raddall Avenue
 Dartmouth, NS
 CA B3B 1T7
 Contact: Danelle Hoffman
 dhoffman@wajax.com
 T: (902)468-6200
 F: (902)468-3325