



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

COOLANT REPORT

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

Area
ASCENT MCC HOLDINGS [285510]

Machine Id
14041866

Component
Coolant

Fluid
CONVENTIONAL 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 | | WA0020918 | WA0018982 | WA0018148 |
| Sample Date | | Client Info | | 15 May 2024 | 24 May 2023 | 20 Jul 2022 |
| Machine Age | hrs | Client Info | | 653 | 628 | 612 |
| Oil Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | Changed | N/A | Changed |
| Sample Status | | | | NORMAL | NORMAL | ABNORMAL |

CORROSION

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

| | | | | | | |
|----------|-----|---------------|-----|--------------|----|------|
| Iron | ppm | ASTM D5185(m) | >15 | <1 | <1 | 1 |
| Aluminum | ppm | ASTM D5185(m) | >10 | <1 | <1 | 1 |
| Copper | ppm | ASTM D5185(m) | >10 | <1 | 2 | ▲ 23 |
| Lead | ppm | ASTM D5185(m) | >10 | <1 | 2 | ▲ 32 |
| Tin | ppm | ASTM D5185(m) | >10 | 0 | <1 | <1 |
| Silver | ppm | ASTM D5185(m) | >10 | <1 | 0 | 0 |
| Zinc | ppm | ASTM D5185(m) | >10 | 2 | <1 | 2 |

CONTAMINANTS

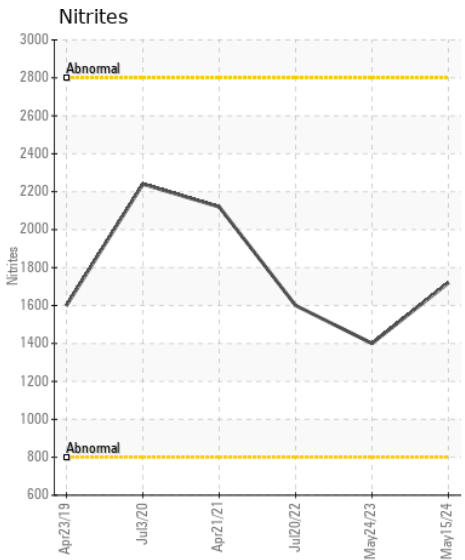
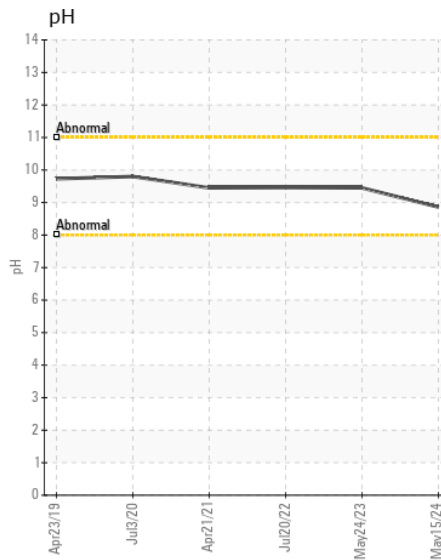
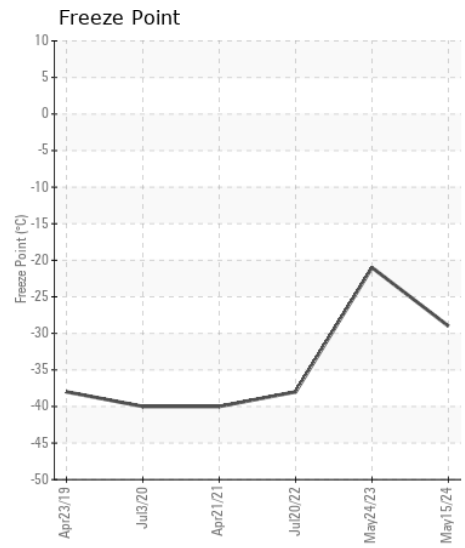
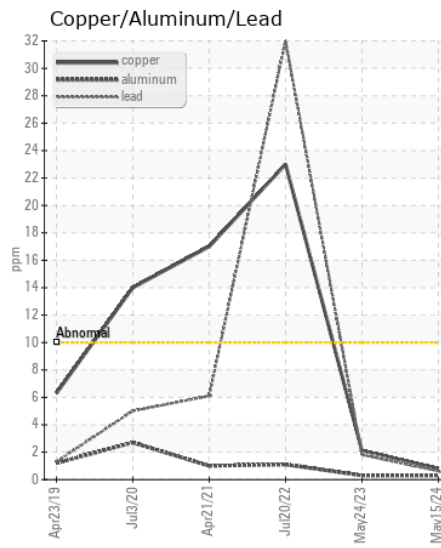
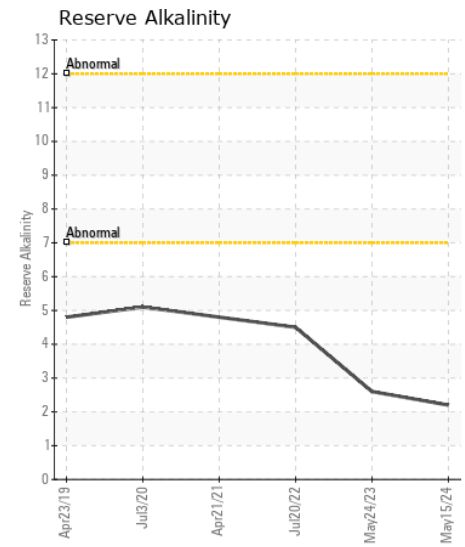
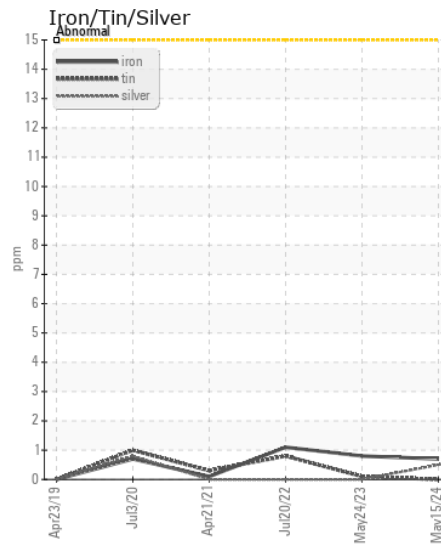
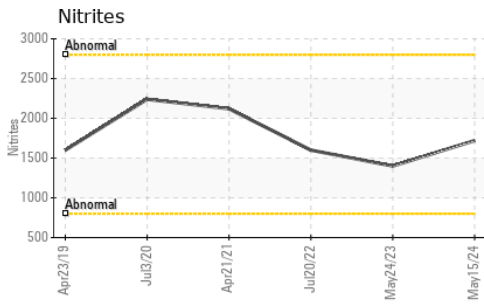
There is no indication of any contamination in the coolant.

| | | | | | | |
|--------------------|--------|---------------|-------|--------------|-------|-------|
| Calcium | ppm | ASTM D5185(m) | >100 | 6 | 9 | 2 |
| Magnesium | ppm | ASTM D5185(m) | >40 | 2 | 3 | <1 |
| 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.

| | | | | | | |
|--------------------|------------|-----------------|-------|--------------|-------|-------|
| Boiling Point | °C | WC Method* | | 106 | --- | --- |
| Specific Gravity | | ASTM D1298* | | 1.060 | 1.060 | 1.069 |
| pH | Scale 0-14 | ASTM D1287* | 9.5 | 8.86 | 9.45 | 9.46 |
| Nitrites | ppm | Alcan Test Kit* | 1500 | 1720 | 1400 | 1600 |
| Reserve Alkalinity | Scale 0-20 | ASTM D1121* | 8.5 | 2.2 | 2.6 | 4.5 |
| Percentage Glycol | % | ASTM D3321* | 50 | 44.6 | 44.0 | 51.0 |
| Freezing Point | °C | ASTM D3321* | -40 | -29 | -21 | -38 |
| Carboxylate | | | | --- | --- | --- |
| Silicon | ppm | ASTM D5185(m) | | 42 | 98 | 26 |
| Phosphorus | ppm | ASTM D5185(m) | | 19 | 61 | 336 |
| Boron | ppm | ASTM D5185(m) | | 180 | 192 | 224 |
| Molybdenum | ppm | ASTM D5185(m) | | 5 | 6 | 224 |
| Sodium | ppm | ASTM D5185(m) | | 1741 | 1323 | 1844 |
| Potassium | ppm | ASTM D5185(m) | | 249 | 288 | 1595 |
| Coolant Color | | Visual* | Green | Green | Green | Green |



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0020918 **Received** : 05 Jun 2024
Lab Number : 02640011 **Tested** : 05 Jun 2024
Unique Number : 5789173 **Diagnosed** : 06 Jun 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.