



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

COOLANT REPORT

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

Area
SOUTHLANE HEALTH [273409]

Machine Id
5362004406

Component
Coolant

Fluid
EXTENDED LIFE 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 | | WA0021249 | --- | --- |
| Sample Date | | Client Info | | 30 Apr 2024 | --- | --- |
| Machine Age | hrs | Client Info | | 758 | --- | --- |
| Oil Age | hrs | Client Info | | 0 | --- | --- |
| Oil Changed | | Client Info | | Changed | --- | --- |
| Sample Status | | | | NORMAL | --- | --- |

CORROSION

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

| | | | | | | |
|----------|-----|---------------|-----|--------------|-----|-----|
| Iron | ppm | ASTM D5185(m) | >15 | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185(m) | >10 | <1 | --- | --- |
| Copper | ppm | ASTM D5185(m) | >10 | 6 | --- | --- |
| Lead | ppm | ASTM D5185(m) | >10 | 0 | --- | --- |
| Tin | ppm | ASTM D5185(m) | >10 | 0 | --- | --- |
| Silver | ppm | ASTM D5185(m) | >10 | 0 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | >10 | 2 | --- | --- |

CONTAMINANTS

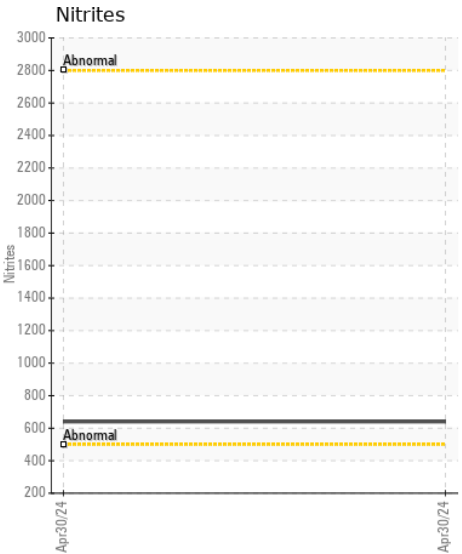
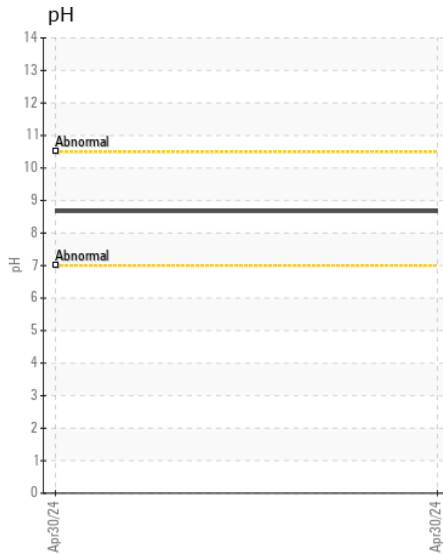
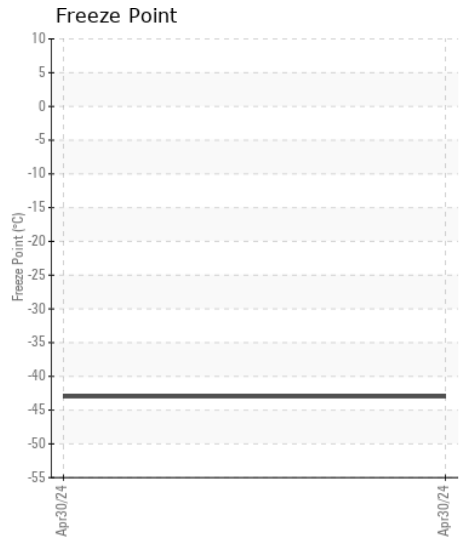
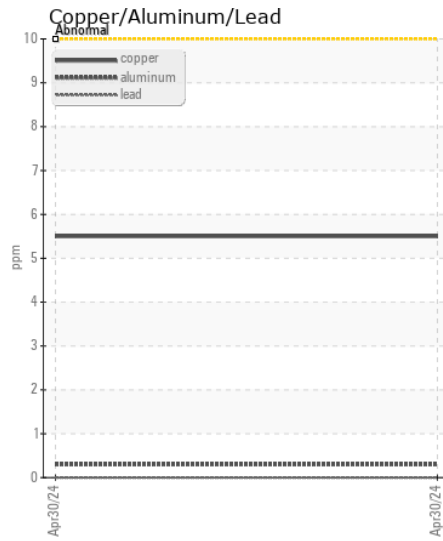
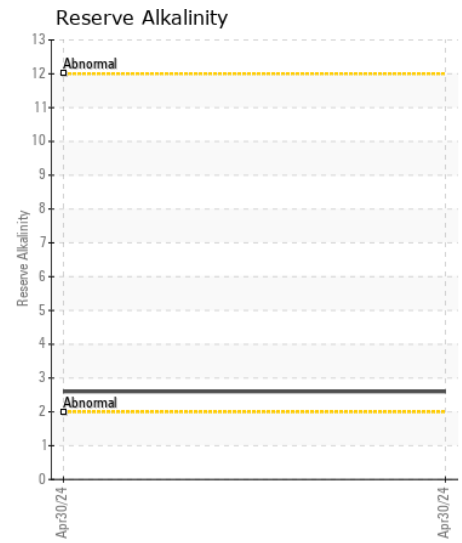
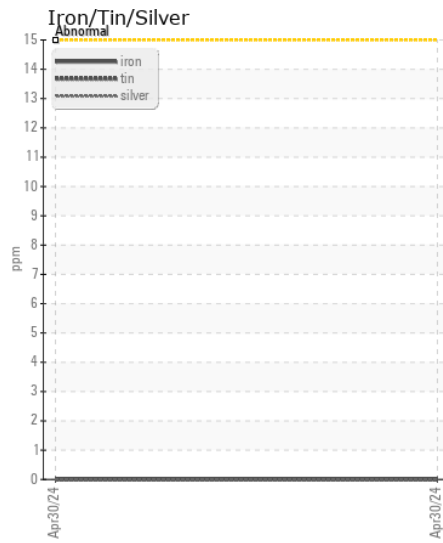
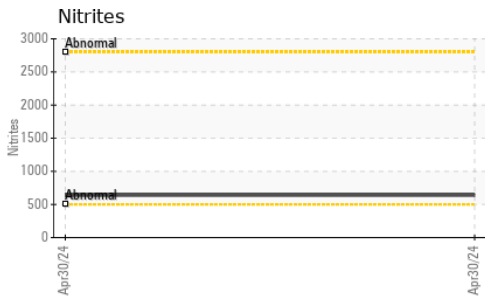
There is no indication of any contamination in the coolant.

| | | | | | | |
|--------------------|--------|---------------|-------|--------------|-----|-----|
| Calcium | ppm | ASTM D5185(m) | >100 | 3 | --- | --- |
| Magnesium | ppm | ASTM D5185(m) | >40 | <1 | --- | --- |
| Appearance | scalar | Visual* | NORML | NORML | --- | --- |
| Odor | scalar | Visual* | NORML | NORML | --- | --- |
| Coolant Appearance | | Visual* | 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* | | 108 | --- | --- |
| Specific Gravity | | ASTM D1298* | | 1.073 | --- | --- |
| pH | Scale 0-14 | ASTM D1287* | 9.0 | 8.67 | --- | --- |
| Nitrites | ppm | Alcan Test Kit* | | 640 | --- | --- |
| Reserve Alkalinity | Scale 0-20 | ASTM D1121* | | 2.6 | --- | --- |
| Percentage Glycol | % | ASTM D3321* | 50 | 54.9 | --- | --- |
| Freezing Point | °C | ASTM D3321* | -40 | -43 | --- | --- |
| Carboxylate | | | | --- | --- | --- |
| Silicon | ppm | ASTM D5185(m) | | 4 | --- | --- |
| Phosphorus | ppm | ASTM D5185(m) | | 9 | --- | --- |
| Boron | ppm | ASTM D5185(m) | | 205 | --- | --- |
| Molybdenum | ppm | ASTM D5185(m) | | <1 | --- | --- |
| Sodium | ppm | ASTM D5185(m) | | 1807 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | | 40 | --- | --- |
| Coolant Color | | Visual* | Orange/R | Orange | --- | --- |



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0021249 **Received** : 06 May 2024
Lab Number : 02633688 **Tested** : 06 May 2024
Unique Number : 5774841 **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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