



Machine Id
1226
Component
Coolant

Fluid
EXTENDED LIFE COOLANT (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) EXTENDED LIFE COOLANT. Please confirm.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|---------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | PC0077373 | PC0057205 | WC0060222 |
| Sample Date | | Client Info | | 28 Aug 2023 | 07 Dec 2022 | 09 Jun 2022 |
| Machine Age | hrs | Client Info | | 3997 | 3036 | 1974 |
| Oil Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | N/A | N/A | N/A |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

CORROSION

All component wear rates are normal.

| | | | | | | |
|----------|-----|---------------|-----|--------------|----|----|
| Iron | ppm | ASTM D5185(m) | >15 | 0 | <1 | <1 |
| Aluminum | ppm | ASTM D5185(m) | >10 | <1 | 5 | 7 |
| Copper | ppm | ASTM D5185(m) | >10 | 1 | 3 | 2 |
| Lead | ppm | ASTM D5185(m) | >10 | 0 | 0 | <1 |
| Tin | ppm | ASTM D5185(m) | >10 | 0 | <1 | <1 |
| Silver | ppm | ASTM D5185(m) | >10 | 1 | 0 | <1 |
| Zinc | ppm | ASTM D5185(m) | >10 | 0 | 2 | 3 |

CONTAMINANTS

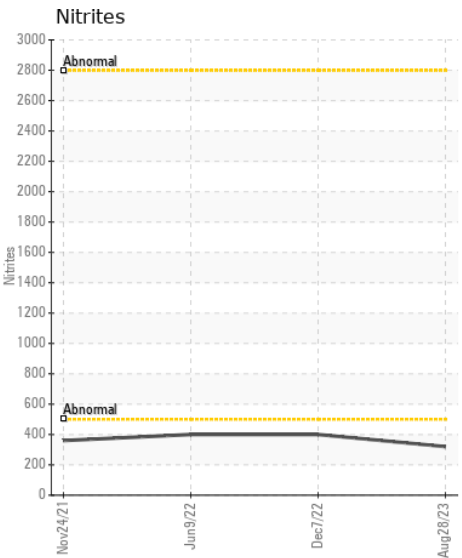
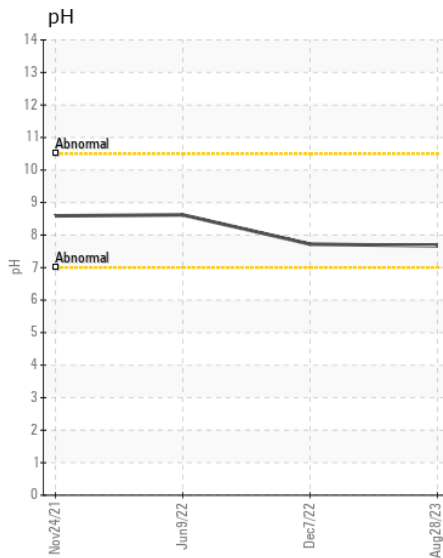
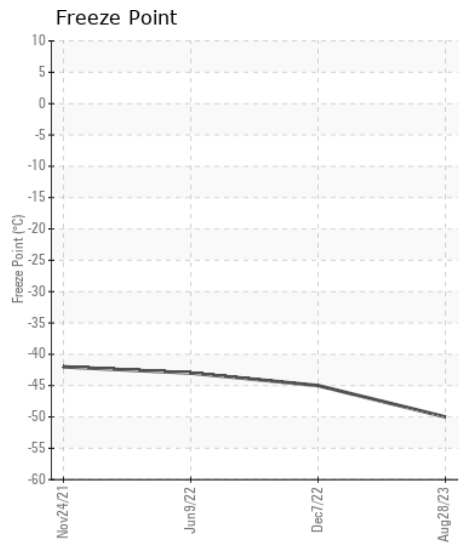
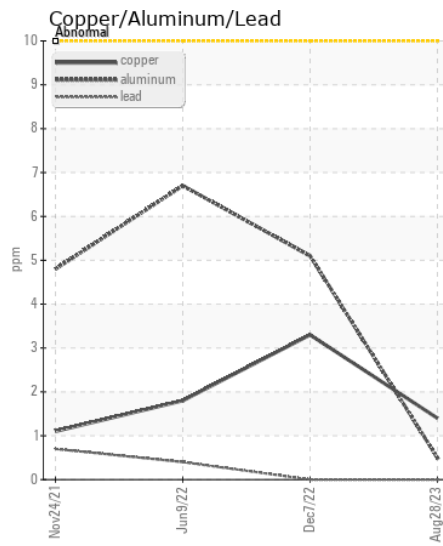
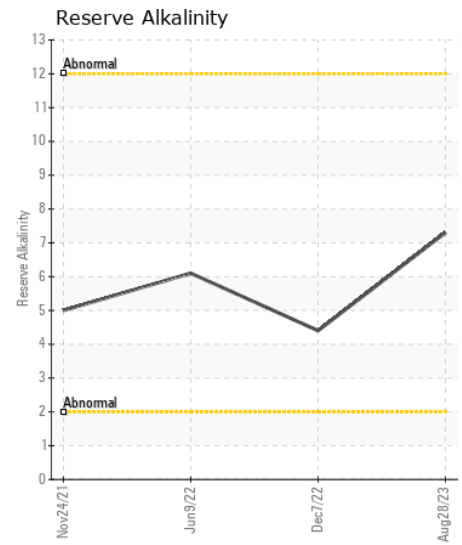
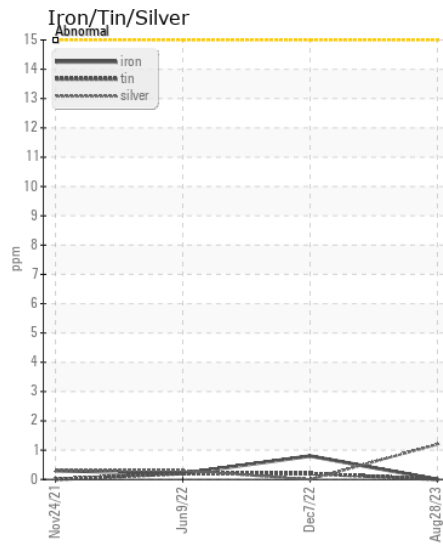
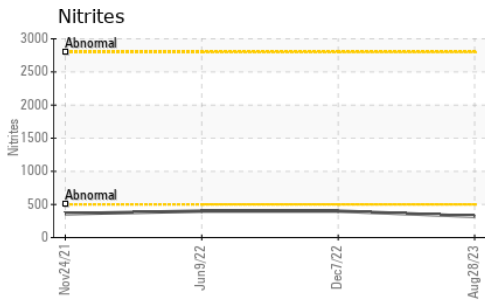
There is no indication of any contamination in the coolant.

| | | | | | | |
|--------------------|--------|---------------|-------|--------------|-------|-------|
| Calcium | ppm | ASTM D5185(m) | >100 | 4 | 8 | 8 |
| Magnesium | ppm | ASTM D5185(m) | >40 | 3 | 4 | 3 |
| Appearance | scalar | Visual* | NORML | NORML | NORML | NORML |
| Odor | scalar | Visual* | NORML | NORML | NORML | NORML |
| Coolant Appearance | | Visual* | Clear | Clear | Clear | Clear |

COOLANT CONDITION

The condition of the coolant is acceptable for the time in service.

| | | | | | | |
|--------------------|------------|-----------------|----------|--------------|-------|-------|
| Specific Gravity | | ASTM D1298* | | 1.076 | 1.073 | 1.072 |
| pH | Scale 0-14 | ASTM D1287* | 9.0 | 7.67 | 7.72 | 8.62 |
| Nitrites | ppm | Alcan Test Kit* | | 320 | 400 | 400 |
| Reserve Alkalinity | Scale 0-20 | ASTM D1121* | | 7.3 | 4.4 | 6.1 |
| Percentage Glycol | % | ASTM D3321* | 50 | 56.7 | 54.8 | 53.5 |
| Freezing Point | °C | ASTM D3321* | -40 | -50 | -45 | -43 |
| Carboxylate | | | | --- | --- | --- |
| Silicon | ppm | ASTM D5185(m) | | 56 | 70 | 56 |
| Phosphorus | ppm | ASTM D5185(m) | | 5 | 11 | 10 |
| Boron | ppm | ASTM D5185(m) | | 68 | 52 | 18 |
| Molybdenum | ppm | ASTM D5185(m) | | 473 | 583 | 614 |
| Sodium | ppm | ASTM D5185(m) | | 9329 | 4120 | 2394 |
| Potassium | ppm | ASTM D5185(m) | | 159 | 278 | 226 |
| Coolant Color | | Visual* | Orange/R | Red | Pink | Red |



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0077373
Lab Number : 02579224
Unique Number : 5632284
Test Package : COOL
Received : 29 Aug 2023
Tested : 30 Aug 2023
Diagnosed : 30 Aug 2023 - Wes Davis

LES ENTREPRISES MICHAUDVILLE INC.
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 CA J3H 0M6
 Contact: Martin Trudel
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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.

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F: