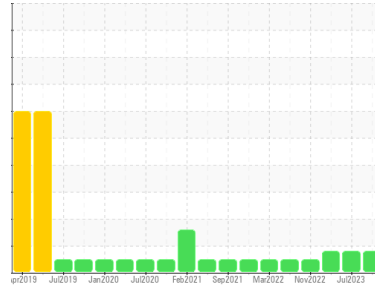


Area
MICHAUDVILLE
Machine Id
1223
Component
Transmission (Auto)
Fluid
DEXRON III (--- GAL)



DIAGNOSIS

Recommendation
We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm. Please specify the component make and model with your next sample.

Wear
Aluminum ppm levels are abnormal. Torque converter wear is indicated.

Contamination
There is no indication of any contamination in the fluid.

Fluid Condition
The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

| SAMPLE INFORMATION | | method | limit/base | current | history1 | history2 |
|--------------------|-------------|-------------|------------|--------------------|-------------|-------------|
| Sample Number | Client Info | | | PC0082929 | PC0071943 | PC0070803 |
| Sample Date | Client Info | | | 21 Nov 2023 | 24 Jul 2023 | 12 Mar 2023 |
| Machine Age | hrs | Client Info | | 9439 | 8832 | 8305 |
| Oil Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | Client Info | | | N/A | N/A | N/A |
| Sample Status | | | | ABNORMAL | ABNORMAL | ABNORMAL |

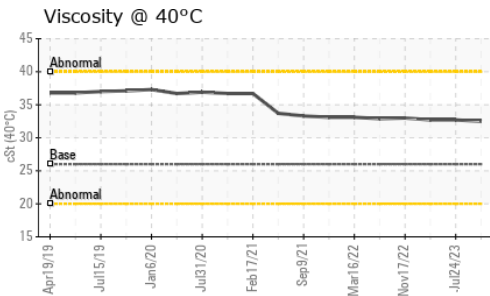
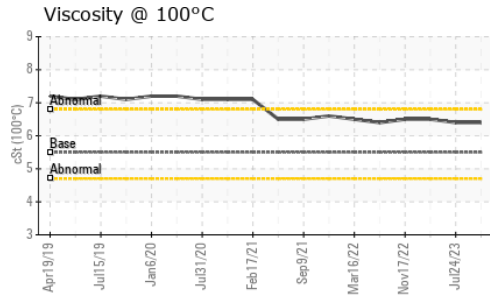
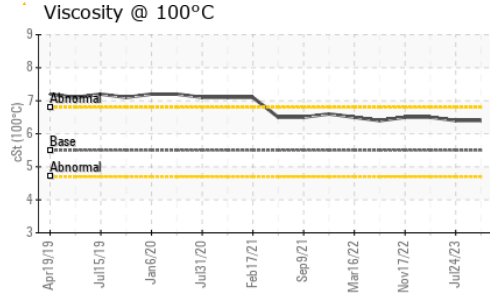
| CONTAMINATION | | method | limit/base | current | history1 | history2 |
|---------------|-----------|--------|------------|------------|----------|----------|
| Water | WC Method | | >0.1 | NEG | NEG | NEG |

| WEAR METALS | | method | limit/base | current | history1 | history2 |
|-------------|-----|---------------|------------|--------------|----------|----------|
| Iron | ppm | ASTM D5185(m) | >160 | 136 | 124 | 138 |
| Chromium | ppm | ASTM D5185(m) | >5 | <1 | <1 | <1 |
| Nickel | ppm | ASTM D5185(m) | >5 | <1 | <1 | <1 |
| Titanium | ppm | ASTM D5185(m) | | 0 | 0 | <1 |
| Silver | ppm | ASTM D5185(m) | >5 | <1 | 0 | 0 |
| Aluminum | ppm | ASTM D5185(m) | >50 | 76 | 69 | 71 |
| Lead | ppm | ASTM D5185(m) | >50 | 18 | 17 | 18 |
| Copper | ppm | ASTM D5185(m) | >225 | 24 | 22 | 21 |
| Tin | ppm | ASTM D5185(m) | >10 | 6 | 6 | 6 |
| Antimony | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Beryllium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Cadmium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |

| ADDITIVES | | method | limit/base | current | history1 | history2 |
|------------|-----|---------------|------------|--------------|----------|----------|
| Boron | ppm | ASTM D5185(m) | | 64 | 63 | 70 |
| Barium | ppm | ASTM D5185(m) | | <1 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185(m) | | 0 | <1 | <1 |
| Manganese | ppm | ASTM D5185(m) | | 1 | 2 | 2 |
| Magnesium | ppm | ASTM D5185(m) | | <1 | 1 | 1 |
| Calcium | ppm | ASTM D5185(m) | | 98 | 96 | 101 |
| Phosphorus | ppm | ASTM D5185(m) | | 217 | 224 | 244 |
| Zinc | ppm | ASTM D5185(m) | | 5 | 6 | 5 |
| Sulfur | ppm | ASTM D5185(m) | | 1048 | 1071 | 1343 |
| Lithium | ppm | ASTM D5185(m) | | <1 | <1 | <1 |

| CONTAMINANTS | | method | limit/base | current | history1 | history2 |
|--------------|-----|---------------|------------|-----------|----------|----------|
| Silicon | ppm | ASTM D5185(m) | >20 | 15 | 14 | 15 |
| Sodium | ppm | ASTM D5185(m) | | 5 | 4 | 5 |
| Potassium | ppm | ASTM D5185(m) | >20 | 3 | 2 | 2 |

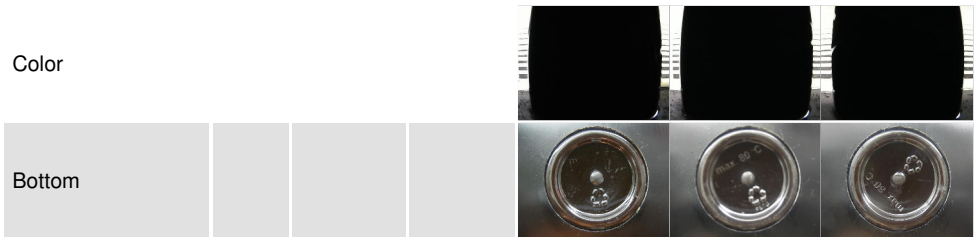
OIL ANALYSIS REPORT



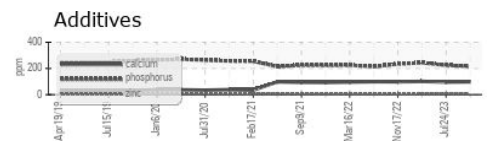
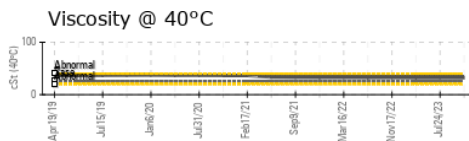
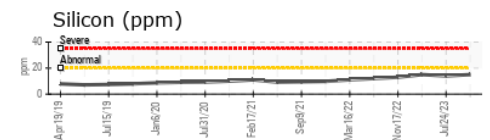
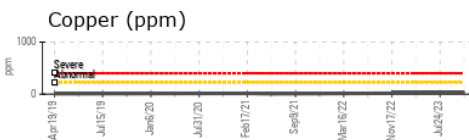
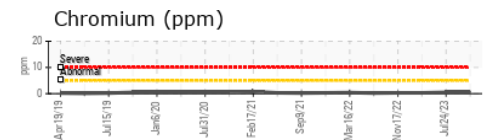
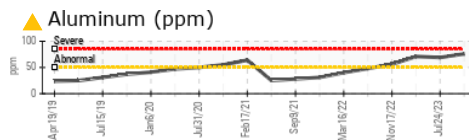
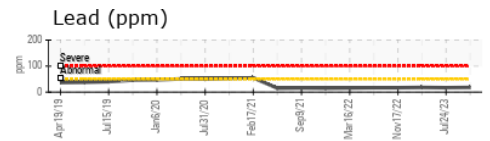
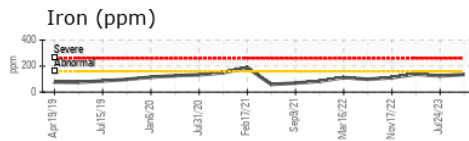
| VISUAL | method | limit/base | current | history1 | history2 |
|------------------|--------|------------|---------|----------|----------|
| White Metal | scalar | Visual* | NONE | NONE | NONE |
| Yellow Metal | scalar | Visual* | NONE | NONE | NONE |
| Precipitate | scalar | Visual* | NONE | NONE | NONE |
| Silt | scalar | Visual* | NONE | VLITE | VLITE |
| Debris | scalar | Visual* | NONE | NONE | NONE |
| Sand/Dirt | scalar | Visual* | NONE | NONE | NONE |
| Appearance | scalar | Visual* | NORML | NORML | NORML |
| Odor | scalar | Visual* | NORML | NORML | NORML |
| Emulsified Water | scalar | Visual* | >0.1 | NEG | NEG |
| Free Water | scalar | Visual* | | NEG | NEG |

| FLUID PROPERTIES | method | limit/base | current | history1 | history2 |
|----------------------|--------|---------------|---------|----------|----------|
| Visc @ 40°C | cSt | ASTM D7279(m) | 26.0 | 32.5 | 32.7 |
| Visc @ 100°C | cSt | ASTM D7279(m) | 5.5 | 6.4 | 6.5 |
| Viscosity Index (VI) | Scale | ASTM D2270* | 155 | 153 | 151 |

SAMPLE IMAGES



GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUVILLE INC.
Sample No. : PC0082929 **Received** : 22 Nov 2023
Lab Number : 02598196 **Diagnosed** : 22 Nov 2023
Unique Number : 5683276 **Diagnostician** : Kevin Marson
Test Package : MOB 1 (Additional Tests: KV100, VI)

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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 T:
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