



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
370-2
Component
Transmission (Manual)
Fluid
{not provided} (--- GAL)



DIAGNOSIS

Recommendation
Resample at the next service interval to monitor.
Please specify the brand, type, and viscosity of the oil on your next sample.

Wear
All component wear rates are normal.

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

Fluid Condition
The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION

| | method | limit/base | current | history1 | history2 |
|---------------|-------------|-------------|--------------------|----------|----------|
| Sample Number | Client Info | | WC0890784 | --- | --- |
| Sample Date | Client Info | | 12 Mar 2024 | --- | --- |
| Machine Age | hrs | Client Info | 0 | --- | --- |
| Oil Age | hrs | Client Info | 0 | --- | --- |
| Oil Changed | Client Info | | N/A | --- | --- |
| Sample Status | | | NORMAL | --- | --- |

CONTAMINATION

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

WEAR METALS

| | method | limit/base | current | history1 | history2 | |
|-----------|--------|---------------|---------|--------------|----------|-----|
| Iron | ppm | ASTM D5185(m) | >200 | 26 | --- | --- |
| Chromium | ppm | ASTM D5185(m) | >5 | <1 | --- | --- |
| Nickel | ppm | ASTM D5185(m) | >5 | <1 | --- | --- |
| Titanium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Silver | ppm | ASTM D5185(m) | >7 | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185(m) | >25 | 1 | --- | --- |
| Lead | ppm | ASTM D5185(m) | >45 | 2 | --- | --- |
| Copper | ppm | ASTM D5185(m) | >225 | 35 | --- | --- |
| Tin | ppm | ASTM D5185(m) | >10 | <1 | --- | --- |
| Antimony | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Beryllium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Cadmium | ppm | ASTM D5185(m) | | 0 | --- | --- |

ADDITIVES

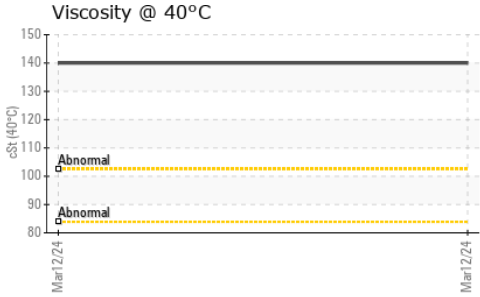
| | method | limit/base | current | history1 | history2 | |
|------------|--------|---------------|---------|--------------|----------|-----|
| Boron | ppm | ASTM D5185(m) | | 335 | --- | --- |
| Barium | ppm | ASTM D5185(m) | | 5 | --- | --- |
| Molybdenum | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Manganese | ppm | ASTM D5185(m) | | 2 | --- | --- |
| Magnesium | ppm | ASTM D5185(m) | | 757 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | | 30 | --- | --- |
| Phosphorus | ppm | ASTM D5185(m) | | 1413 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | | 11 | --- | --- |
| Sulfur | ppm | ASTM D5185(m) | | 21818 | --- | --- |
| Lithium | ppm | ASTM D5185(m) | | 1 | --- | --- |

CONTAMINANTS

| | method | limit/base | current | history1 | history2 | |
|-----------|--------|---------------|---------|-----------|----------|-----|
| Silicon | ppm | ASTM D5185(m) | >125 | 8 | --- | --- |
| Sodium | ppm | ASTM D5185(m) | | 12 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | 5 | --- | --- |



OIL ANALYSIS REPORT



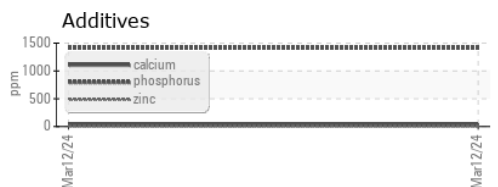
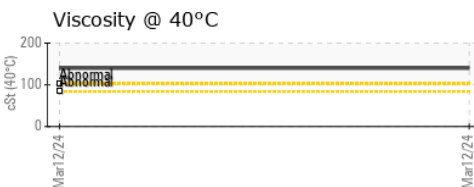
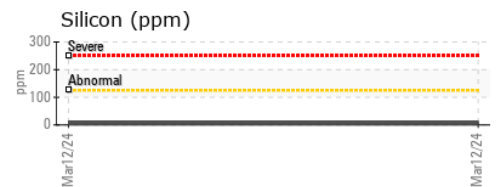
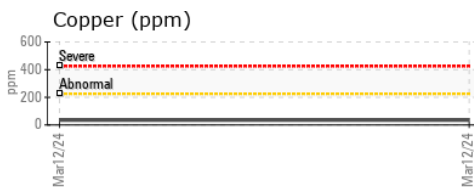
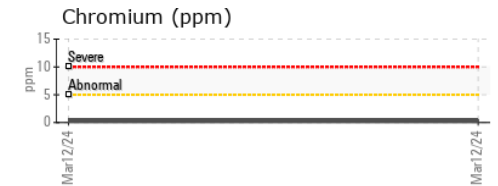
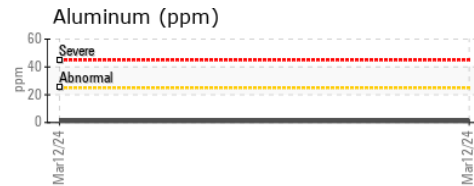
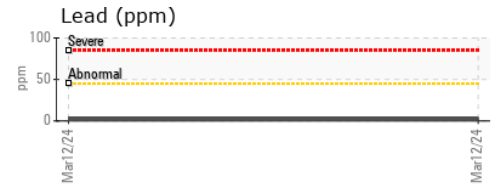
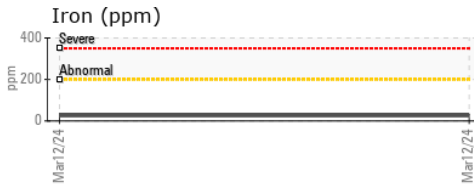
| VISUAL | method | limit/base | current | history1 | history2 |
|------------------|--------|------------|---------|----------|----------|
| White Metal | scalar | Visual* | NONE | NONE | --- |
| Yellow Metal | scalar | Visual* | NONE | NONE | --- |
| Precipitate | scalar | Visual* | NONE | NONE | ---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

| FLUID PROPERTIES | method | limit/base | current | history1 | history2 |
|------------------|--------|---------------|---------|----------|----------|
| Visc @ 40°C | cSt | ASTM D7279(m) | 140 | --- | --- |

| SAMPLE IMAGES | method | limit/base | current | history1 | history2 |
|---------------|--------|------------|---------|----------|----------|
|---------------|--------|------------|---------|----------|----------|

| | | | |
|--------|--|----------|----------|
| Color | | no image | no image |
| Bottom | | no image | no image |

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0890784 **Received** : 13 Mar 2024
Lab Number : **02621816** **Tested** : 13 Mar 2024
Unique Number : 5746935 **Diagnosed** : 13 Mar 2024 - Kevin Marson
Test Package : MOB 1

C.G. EQUIPMENT
 7367 Wellington Rd. 30, Unit A
 Guelph, ON
 CA N0M 2T0
 Contact: CG Equipment CG Guelph
 cory@cgequipment.com
 T: (519)826-0550
 F: (519)837-2055

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.