



OIL ANALYSIS REPORT

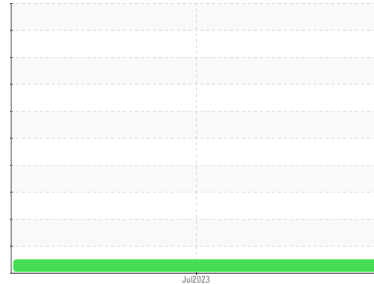
Sample Rating Trend

NORMAL



Machine Id
CLOVER COMPACTOR 120 #2

Component
Gearbox
Fluid
CPP PG 220 (--- GAL)



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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

SAMPLE INFORMATION

| | method | limit/base | current | history1 | history2 |
|---------------|-------------|-------------|--------------------|----------|----------|
| Sample Number | Client Info | | WC0738340 | --- | --- |
| Sample Date | Client Info | | 05 Jul 2023 | --- | --- |
| Machine Age | hrs | Client Info | 0 | --- | --- |
| Oil Age | hrs | Client Info | 0 | --- | --- |
| Oil Changed | Client Info | | Not Chngd | --- | --- |
| Sample Status | | | NORMAL | --- | --- |

WEAR METALS

| | method | limit/base | current | history1 | history2 |
|-----------|-------------|--------------------|----------|----------|----------|
| PQ | ASTM D8184* | | 0 | --- | --- |
| Iron | ppm | ASTM D5185(m) >200 | 2 | --- | --- |
| Chromium | ppm | ASTM D5185(m) >10 | 0 | --- | --- |
| Nickel | ppm | ASTM D5185(m) >10 | 0 | --- | --- |
| Titanium | ppm | ASTM D5185(m) | 0 | --- | --- |
| Silver | ppm | ASTM D5185(m) | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185(m) >25 | 0 | --- | --- |
| Lead | ppm | ASTM D5185(m) >50 | 0 | --- | --- |
| Copper | ppm | ASTM D5185(m) >200 | 2 | --- | --- |
| Tin | ppm | ASTM D5185(m) >10 | 0 | --- | --- |
| Antimony | ppm | ASTM D5185(m) >5 | 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) | <1 | --- | --- |
| Barium | ppm | ASTM D5185(m) | 0 | --- | --- |
| Molybdenum | ppm | ASTM D5185(m) | <1 | --- | --- |
| Manganese | ppm | ASTM D5185(m) | 0 | --- | --- |
| Magnesium | ppm | ASTM D5185(m) | 3 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | 25 | --- | --- |
| Phosphorus | ppm | ASTM D5185(m) | 142 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | 15 | --- | --- |
| Sulfur | ppm | ASTM D5185(m) | 4565 | --- | --- |
| Lithium | ppm | ASTM D5185(m) | <1 | --- | --- |

CONTAMINANTS

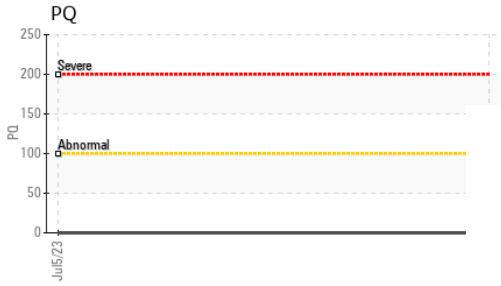
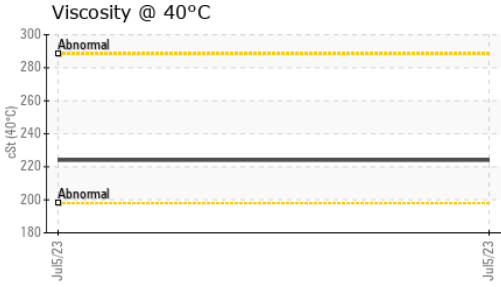
| | method | limit/base | current | history1 | history2 |
|-----------|--------|-------------------|--------------|----------|----------|
| Silicon | ppm | ASTM D5185(m) >50 | 2 | --- | --- |
| Sodium | ppm | ASTM D5185(m) | <1 | --- | --- |
| Potassium | ppm | ASTM D5185(m) >20 | 0 | --- | --- |

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 | VLITE | --- | --- |
| Sand/Dirt | scalar | Visual* NONE | NONE | --- | --- |
| Appearance | scalar | Visual* NORML | NORML | --- | --- |
| Odor | scalar | Visual* NORML | NORML | --- | --- |
| Emulsified Water | scalar | Visual* >0.2 | NEG | --- | --- |
| Free Water | scalar | Visual* | NEG | --- | --- |





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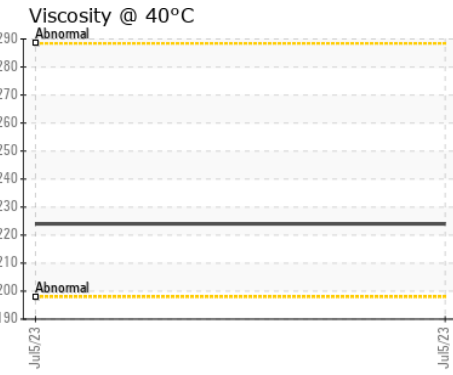
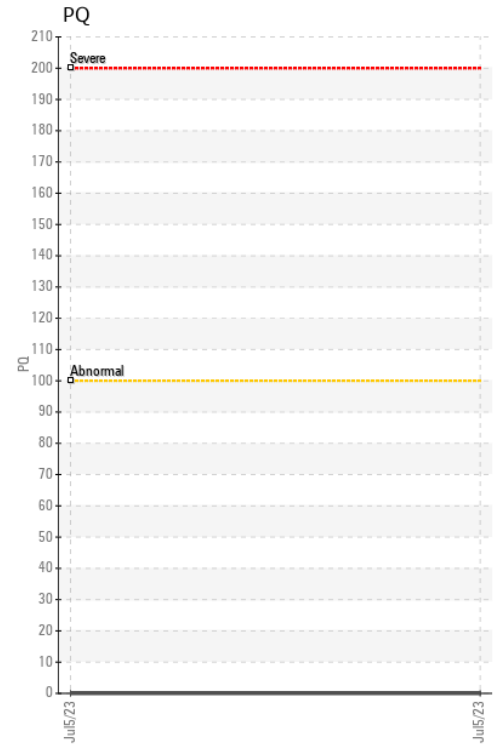
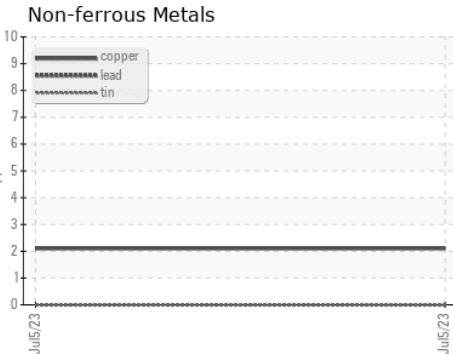
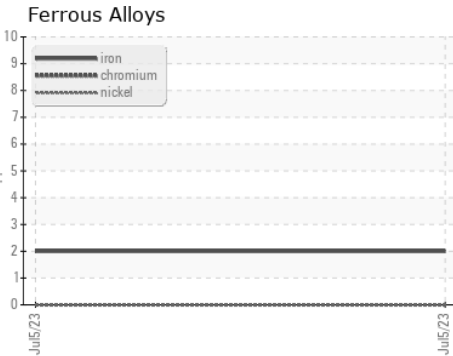


| FLUID PROPERTIES | method | limit/base | current | history1 | history2 |
|------------------|--------|---------------|------------|----------|----------|
| Visc @ 40°C | cSt | ASTM D7279(m) | 224 | --- | --- |

| 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. : WC0738340 **Received** : 30 Aug 2023
Lab Number : **02579517** **Diagnosed** : 30 Aug 2023
Unique Number : 5632577 **Diagnostician** : Wes Davis
Test Package : FLEET (Additional Tests: PQ)

CRD, Integrated Water Services
 337 Victoria View Road
 Victoria, BC
 CA V9A 3Z3
 Contact: Maintenance Planning
 maintenanceplanning@crd.bc.ca

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.