



OIL ANALYSIS REPORT

| | |
|-----------------|--------|
| WEAR | NORMAL |
| CONTAMINATION | NORMAL |
| FLUID CONDITION | NORMAL |

Machine Id
PRINOTH TMR
Component
Swing Drive
Fluid
GEAR OIL ISO 220 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|-------------|----------|----------|
| Sample Number | | Client Info | | WC0890792 | --- | --- |
| Sample Date | | Client Info | | 19 Apr 2024 | --- | --- |
| Machine Age | hrs | Client Info | | 488 | --- | --- |
| Oil Age | hrs | Client Info | | 488 | --- | --- |
| Filter Age | hrs | Client Info | | 0 | --- | --- |
| Oil Changed | | Client Info | | Not Changd | --- | --- |
| Filter Changed | | Client Info | | N/A | --- | --- |
| Sample Status | | | | NORMAL | --- | --- |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|---------------|------|------|-----|-----|
| Iron | ppm | ASTM D5185(m) | >400 | 27 | --- | --- |
| Chromium | ppm | ASTM D5185(m) | >10 | <1 | --- | --- |
| 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 | <1 | --- | --- |
| Lead | ppm | ASTM D5185(m) | >50 | <1 | --- | --- |
| Copper | ppm | ASTM D5185(m) | >200 | 19 | --- | --- |
| Tin | ppm | ASTM D5185(m) | >10 | 1 | --- | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| White Metal | scalar | Visual* | NONE | NONE | --- | --- |
| Yellow Metal | scalar | Visual* | NONE | NONE | --- | --- |

CONTAMINATION

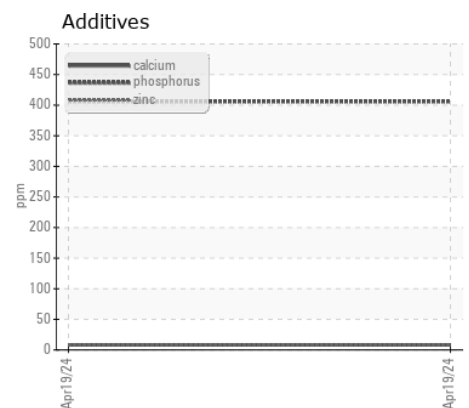
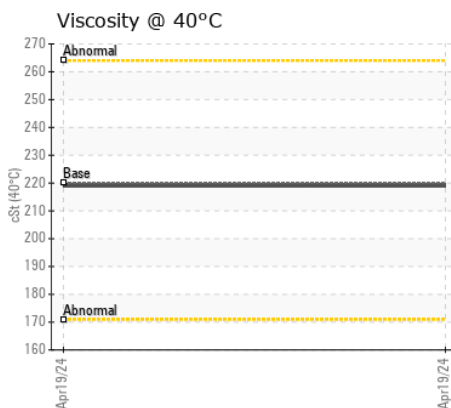
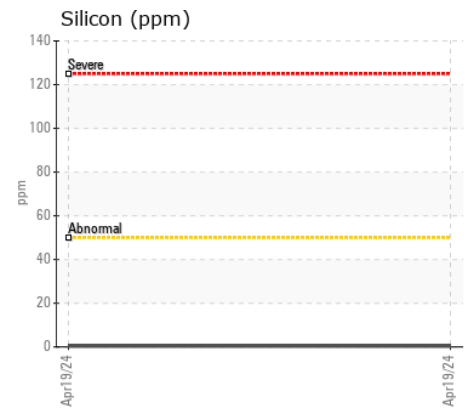
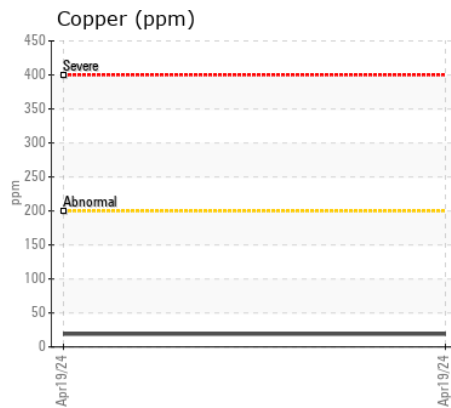
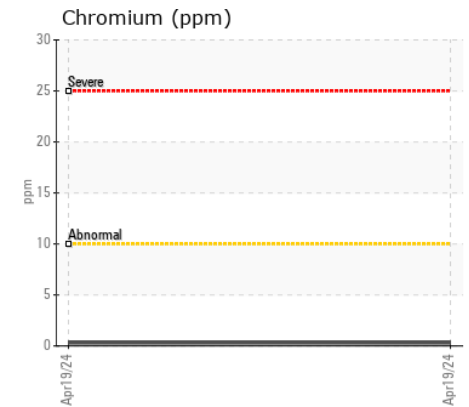
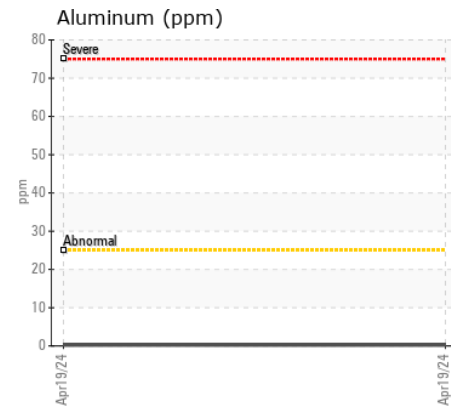
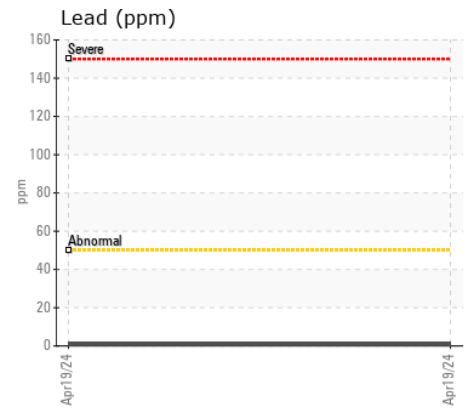
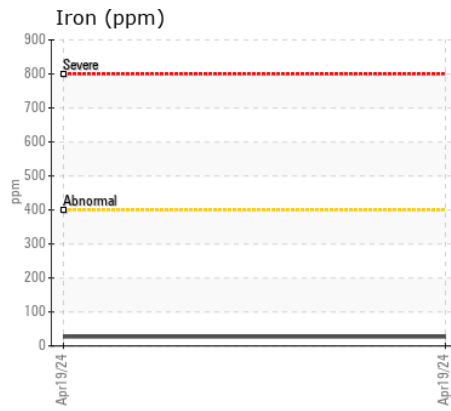
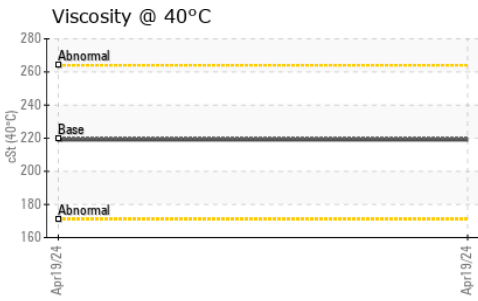
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|---------------|-------|-------|-----|-----|
| Silicon | ppm | ASTM D5185(m) | >50 | <1 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | <1 | --- | --- |
| Water | | WC Method | >0.2 | NEG | --- | --- |
| 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* | >0.2 | NEG | --- | --- |

FLUID CONDITION

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

| | | | | | | |
|-------------|-----|---------------|-------|------|-----|-----|
| Sodium | ppm | ASTM D5185(m) | | <1 | --- | --- |
| Boron | ppm | ASTM D5185(m) | 50 | 23 | --- | --- |
| Barium | ppm | ASTM D5185(m) | 15 | 1 | --- | --- |
| Molybdenum | ppm | ASTM D5185(m) | 15 | 0 | --- | --- |
| Manganese | ppm | ASTM D5185(m) | | 2 | --- | --- |
| Magnesium | ppm | ASTM D5185(m) | 50 | <1 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | 50 | 8 | --- | --- |
| Phosphorus | ppm | ASTM D5185(m) | 350 | 406 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | 100 | 8 | --- | --- |
| Sulfur | ppm | ASTM D5185(m) | 12500 | 4913 | --- | --- |
| Visc @ 40°C | cSt | ASTM D7279(m) | 220 | 219 | --- | --- |



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0890792
Lab Number : 02631023
Unique Number : 5772176
Test Package : MOB 1
Received : 23 Apr 2024
Tested : 23 Apr 2024
Diagnosed : 23 Apr 2024 - Kevin Marson

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.