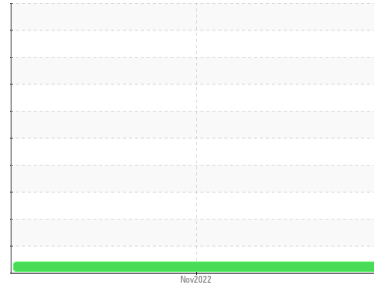




OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Machine Id
10256

Component
Pump Drive

Fluid
MAXIMUM PERFORMANCE SYNTHETIC EP GEAR OIL ISO 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

Viscosity of sample indicates oil is within ISO 150 range, advise investigate. The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

| | method | limit/base | current | history1 | history2 |
|---------------|-------------|-------------|--------------------|----------|----------|
| Sample Number | Client Info | | WC0691931 | --- | --- |
| Sample Date | Client Info | | 18 Nov 2022 | --- | --- |
| Machine Age | hrs | Client Info | 1454 | --- | --- |
| Oil Age | hrs | Client Info | 500 | --- | --- |
| Oil Changed | Client Info | | Changed | --- | --- |
| Sample Status | | | ABNORMAL | --- | --- |

WEAR METALS

| | method | limit/base | current | history1 | history2 |
|-----------|--------|--------------------|--------------|----------|----------|
| Iron | ppm | ASTM D5185(m) >500 | 82 | --- | --- |
| Chromium | ppm | ASTM D5185(m) >15 | <1 | --- | --- |
| Nickel | ppm | ASTM D5185(m) >10 | <1 | --- | --- |
| Titanium | ppm | ASTM D5185(m) | 0 | --- | --- |
| Silver | ppm | ASTM D5185(m) | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185(m) >20 | <1 | --- | --- |
| Lead | ppm | ASTM D5185(m) | <1 | --- | --- |
| Copper | ppm | ASTM D5185(m) >35 | 3 | --- | --- |
| Tin | ppm | ASTM D5185(m) >4 | 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) | 13 | --- | --- |
| Barium | ppm | ASTM D5185(m) | 2 | --- | --- |
| Molybdenum | ppm | ASTM D5185(m) | <1 | --- | --- |
| Manganese | ppm | ASTM D5185(m) | 2 | --- | --- |
| Magnesium | ppm | ASTM D5185(m) | 8 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | 37 | --- | --- |
| Phosphorus | ppm | ASTM D5185(m) | 205 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | 41 | --- | --- |
| Sulfur | ppm | ASTM D5185(m) | 4527 | --- | --- |
| Lithium | ppm | ASTM D5185(m) | <1 | --- | --- |

CONTAMINANTS

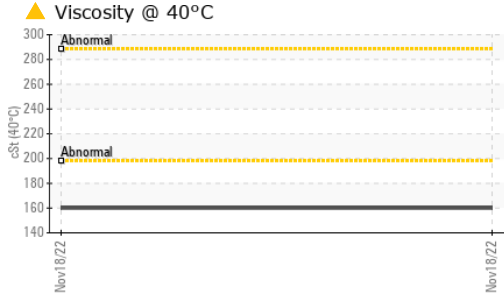
| | method | limit/base | current | history1 | history2 |
|-----------|--------|-------------------|--------------|----------|----------|
| Silicon | ppm | ASTM D5185(m) >75 | 3 | --- | --- |
| Sodium | ppm | ASTM D5185(m) | 4 | --- | --- |
| Potassium | ppm | ASTM D5185(m) >20 | <1 | --- | --- |

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* >0.2 | NEG | --- | --- |
| Free Water | scalar | Visual* | NEG | --- | --- |



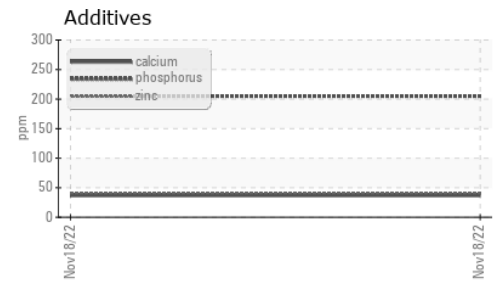
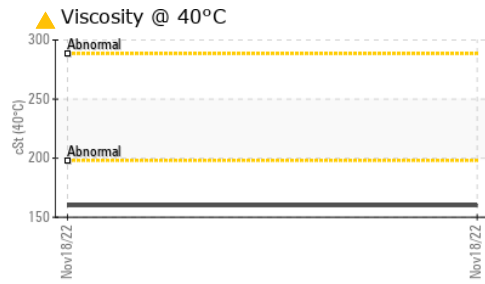
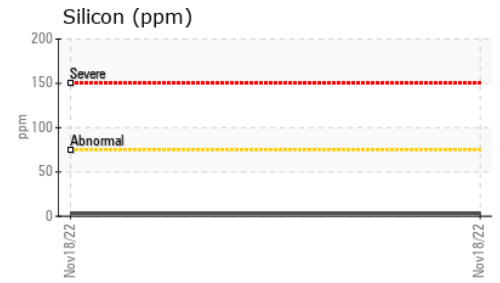
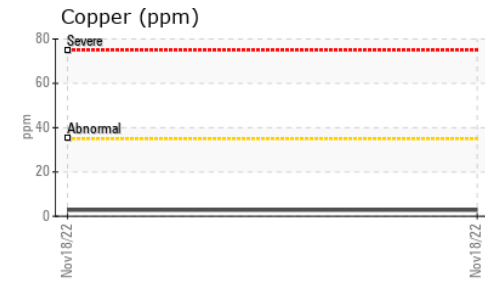
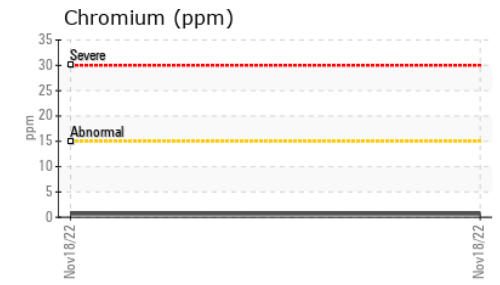
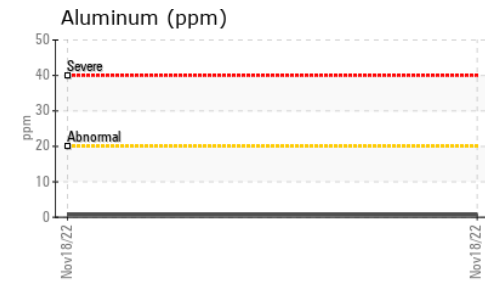
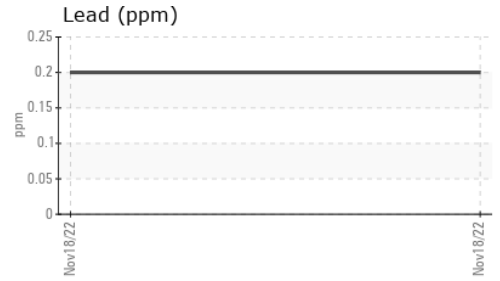
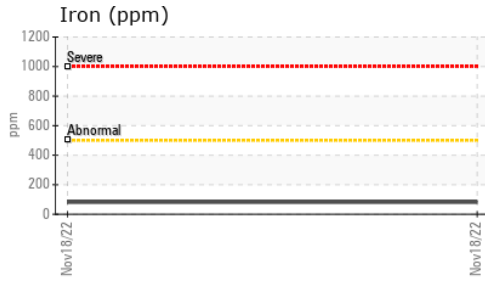
OIL ANALYSIS REPORT



| FLUID PROPERTIES | method | limit/base | current | history1 | history2 |
|------------------|--------|---------------|---------|----------|----------|
| Visc @ 40°C | cSt | ASTM D7279(m) | ▲ 160 | --- | --- |

| 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. : WC0691931 **Received** : 21 Nov 2022
Lab Number : 02523929 **Diagnosed** : 22 Nov 2022
Unique Number : 5488910 **Diagnostician** : 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.