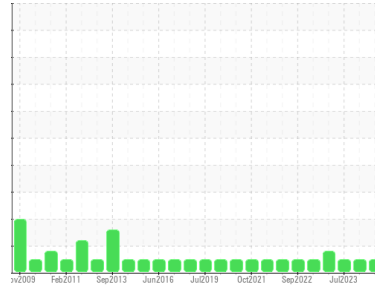




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
STRATH
 Machine Id
BABBIT BRG PEDESTAL B REGRIND NON DRIVE END
 Component
Non-Drive End Bearing
 Fluid
PETRO CANADA TURBOFLO R&O 68 (15 LTR)

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 | | WC0866178 | WC0828550 | WC0828551 |
| Sample Date | Client Info | | 04 Oct 2023 | 17 Jul 2023 | 17 Jul 2023 |
| Machine Age | mths | Client Info | 6 | 0 | 0 |
| Oil Age | mths | Client Info | 6 | 6 | 6 |
| Oil Changed | Client Info | | N/A | Not Changd | Not Changd |
| Sample Status | | | NORMAL | NORMAL | NORMAL |

WEAR METALS

| | method | limit/base | current | history1 | history2 |
|-----------|--------|---------------|---------|--------------|----------|
| Iron | ppm | ASTM D5185(m) | >20 | <1 | <1 |
| Chromium | ppm | ASTM D5185(m) | >20 | 0 | 0 |
| Nickel | ppm | ASTM D5185(m) | >20 | 0 | <1 |
| Titanium | ppm | ASTM D5185(m) | | 0 | 0 |
| Silver | ppm | ASTM D5185(m) | | <1 | 0 |
| Aluminum | ppm | ASTM D5185(m) | >20 | 0 | 0 |
| Lead | ppm | ASTM D5185(m) | >20 | 8 | 10 |
| Copper | ppm | ASTM D5185(m) | >20 | <1 | <1 |
| Tin | ppm | ASTM D5185(m) | >20 | <1 | 1 |
| Antimony | ppm | ASTM D5185(m) | | 0 | 0 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 |
| Beryllium | ppm | ASTM D5185(m) | | 0 | 0 |
| Cadmium | ppm | ASTM D5185(m) | | 0 | 0 |

ADDITIVES

| | method | limit/base | current | history1 | history2 |
|------------|--------|---------------|---------|--------------|----------|
| Boron | ppm | ASTM D5185(m) | | <1 | <1 |
| Barium | ppm | ASTM D5185(m) | | 0 | 0 |
| Molybdenum | ppm | ASTM D5185(m) | | 0 | 0 |
| Manganese | ppm | ASTM D5185(m) | | 0 | 0 |
| Magnesium | ppm | ASTM D5185(m) | | 0 | <1 |
| Calcium | ppm | ASTM D5185(m) | 0 | <1 | <1 |
| Phosphorus | ppm | ASTM D5185(m) | 4 | 5 | 6 |
| Zinc | ppm | ASTM D5185(m) | 0 | <1 | 2 |
| Sulfur | ppm | ASTM D5185(m) | | 141 | 158 |
| Lithium | ppm | ASTM D5185(m) | | <1 | <1 |

CONTAMINANTS

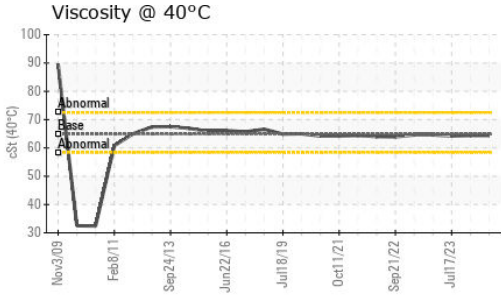
| | method | limit/base | current | history1 | history2 |
|-----------|--------|---------------|---------|----------|----------|
| Silicon | ppm | ASTM D5185(m) | >15 | 0 | 0 |
| Sodium | ppm | ASTM D5185(m) | | 0 | <1 |
| Potassium | ppm | ASTM D5185(m) | >20 | 0 | <1 |

VISUAL

| | method | limit/base | current | history1 | history2 |
|------------------|--------|------------|---------|--------------|----------|
| White Metal | scalar | Visual* | NONE | NONE | VLITE |
| Yellow Metal | scalar | Visual* | NONE | NONE | NONE |
| Precipitate | scalar | Visual* | NONE | NONE | NONE |
| Silt | scalar | Visual* | NONE | NONE | NONE |
| Debris | scalar | Visual* | NONE | NONE | VLITE |
| Sand/Dirt | scalar | Visual* | NONE | NONE | NONE |
| Appearance | scalar | Visual* | NORML | NORML | NORML |
| Odor | scalar | Visual* | NORML | NORML | NORML |
| Emulsified Water | scalar | Visual* | >2 | NEG | NEG |
| Free Water | scalar | Visual* | | NEG | NEG |

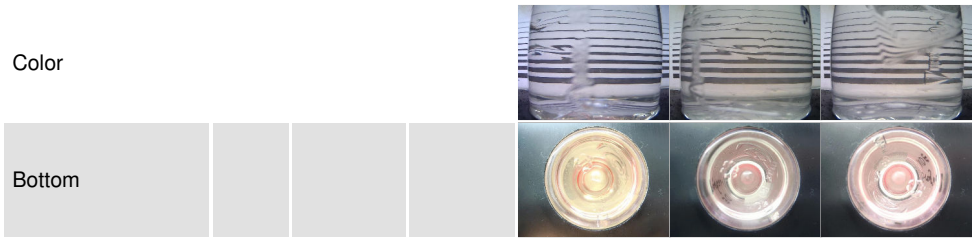


OIL ANALYSIS REPORT

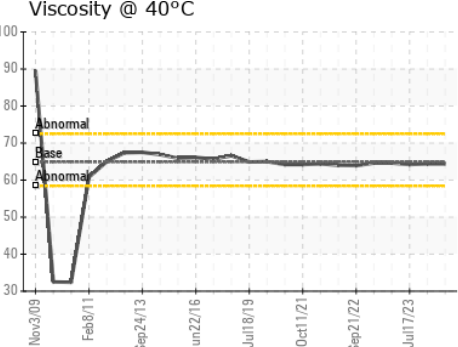
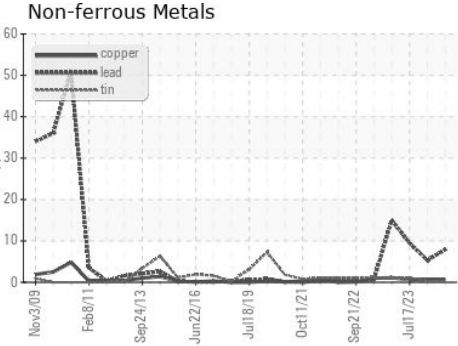
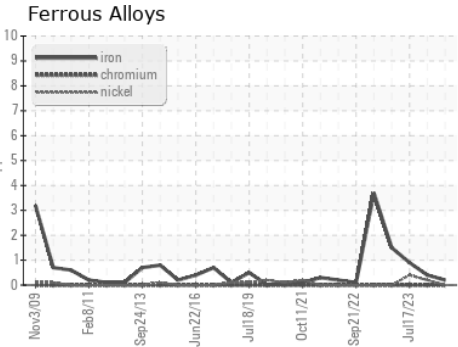


| FLUID PROPERTIES | method | limit/base | current | history1 | history2 | |
|------------------|--------|---------------|---------|-------------|----------|------|
| Visc @ 40°C | cSt | ASTM D7279(m) | 64.9 | 64.4 | 64.4 | 64.2 |

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



GRAPHS



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Wajax - Northpoint Technical Services
Sample No. : WC0866178 **Received** : 06 Oct 2023 1108 WebbWood Drive.
Lab Number : 02587628 **Diagnosed** : 10 Oct 2023 Sudbury, ON
Unique Number : 5656694 **Diagnostician** : Kevin Marson CA P3C 3B7
Test Package : IND 1

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.

Contact: Nick Walker
 nwalker@northpoints.com
 T: (705)499-2387
 F: (795)690-9010