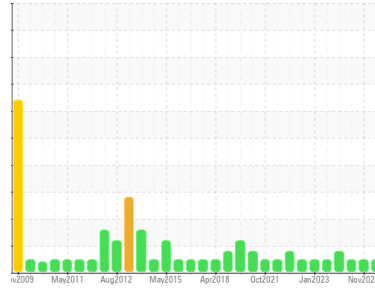




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
STRATH
 Machine Id
BABBIT BRG PEDESTAL A BALL MILL 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 | | WC0897562 | WC0878487 | WC0866176 |
| Sample Date | Client Info | | 09 Jan 2024 | 14 Nov 2023 | 04 Oct 2023 |
| Machine Age | mths | Client Info | 0 | 0 | 6 |
| Oil Age | mths | Client Info | 0 | 0 | 6 |
| Oil Changed | Client Info | | Not Chngd | N/A | Not Chngd |
| Sample Status | | | NORMAL | NORMAL | NORMAL |

CONTAMINATION

| | method | limit/base | current | history1 | history2 |
|-------|-----------|------------|------------|----------|----------|
| Water | WC Method | >2 | NEG | NEG | NEG |

WEAR METALS

| | method | limit/base | current | history1 | history2 |
|-----------|--------|-------------------|--------------|----------|----------|
| Iron | ppm | ASTM D5185(m) >20 | 0 | <1 | 0 |
| Chromium | ppm | ASTM D5185(m) >20 | 0 | 0 | 0 |
| Nickel | ppm | ASTM D5185(m) >20 | 0 | 0 | 0 |
| Titanium | ppm | ASTM D5185(m) | 0 | 0 | 0 |
| Silver | ppm | ASTM D5185(m) | 0 | <1 | <1 |
| Aluminum | ppm | ASTM D5185(m) >20 | <1 | 0 | 0 |
| Lead | ppm | ASTM D5185(m) >20 | 2 | 2 | 2 |
| Copper | ppm | ASTM D5185(m) >20 | <1 | <1 | <1 |
| Tin | ppm | ASTM D5185(m) >20 | <1 | <1 | <1 |
| Antimony | ppm | ASTM D5185(m) | 0 | 0 | 0 |
| Vanadium | ppm | ASTM D5185(m) | 0 | 0 | 0 |
| Beryllium | ppm | ASTM D5185(m) | 0 | 0 | 0 |
| Cadmium | ppm | ASTM D5185(m) | 0 | 0 | 0 |

ADDITIVES

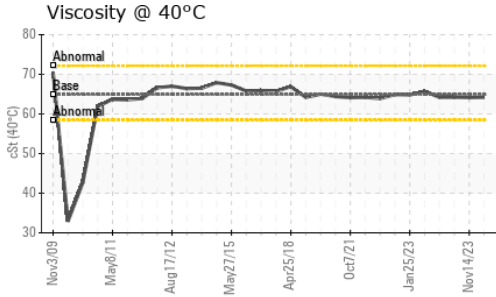
| | method | limit/base | current | history1 | history2 |
|------------|--------|-----------------|--------------|----------|----------|
| Boron | ppm | ASTM D5185(m) | 0 | <1 | <1 |
| Barium | ppm | ASTM D5185(m) | 0 | <1 | <1 |
| Molybdenum | ppm | ASTM D5185(m) | 0 | 0 | 0 |
| Manganese | ppm | ASTM D5185(m) | 0 | 0 | 0 |
| Magnesium | ppm | ASTM D5185(m) | <1 | 0 | 0 |
| Calcium | ppm | ASTM D5185(m) 0 | <1 | <1 | <1 |
| Phosphorus | ppm | ASTM D5185(m) 4 | 9 | 9 | 10 |
| Zinc | ppm | ASTM D5185(m) 0 | 1 | 1 | <1 |
| Sulfur | ppm | ASTM D5185(m) | 135 | 140 | 139 |
| Lithium | ppm | ASTM D5185(m) | <1 | <1 | <1 |

CONTAMINANTS

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



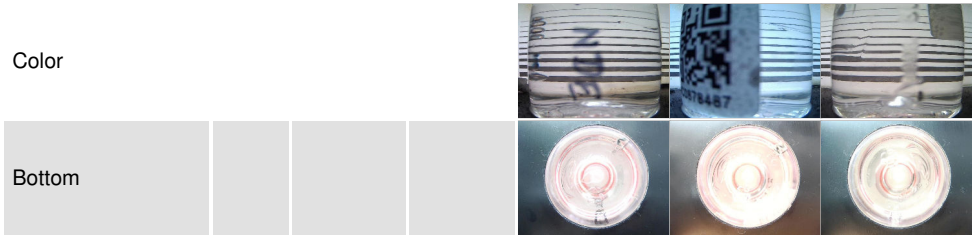
OIL ANALYSIS REPORT



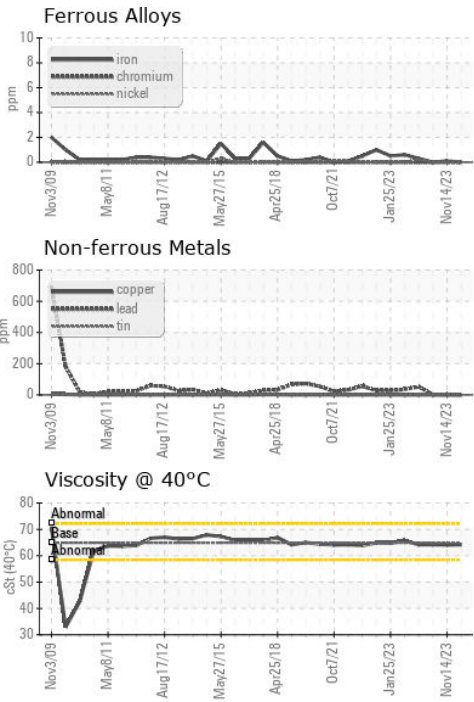
| VISUAL | method | limit/base | current | history1 | history2 | |
|------------------|--------|------------|---------|--------------|----------|-------|
| White Metal | scalar | Visual* | NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | Visual* | NONE | NONE | NONE | NONE |
| Precipitate | scalar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

| FLUID PROPERTIES | method | limit/base | current | history1 | history2 | |
|------------------|--------|---------------|---------|-------------|----------|------|
| Visc @ 40°C | cSt | ASTM D7279(m) | 64.9 | 64.2 | 64.1 | 64.2 |

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



GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Wajax - Northpoint Technical Services
Sample No. : WC0897562 **Received** : 16 Jan 2024 1108 WebbWood Drive.
Lab Number : 02609001 **Diagnosed** : 16 Jan 2024 Sudbury, ON
Unique Number : 5710087 **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.

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