



|                 |               |
|-----------------|---------------|
| WEAR            | <b>NORMAL</b> |
| CONTAMINATION   | <b>NORMAL</b> |
| FLUID CONDITION | <b>NORMAL</b> |

Machine Id  
**GARDNER #1**

Component  
**Compressor**

Fluid  
**PETRO CANADA COMPRO XL-S COMPRESSOR FLUID 46 (100 LTR)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

| Test           | UOM | Method      | Limit/Abn | Current            | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|----------|----------|
| Sample Number  |     | Client Info |           | <b>PC0076515</b>   | ---      | ---      |
| Sample Date    |     | Client Info |           | <b>27 Oct 2023</b> | ---      | ---      |
| Machine Age    | hrs | Client Info |           | <b>31714</b>       | ---      | ---      |
| Oil Age        | hrs | Client Info |           | <b>7349</b>        | ---      | ---      |
| Filter Age     | hrs | Client Info |           | <b>392</b>         | ---      | ---      |
| Oil Changed    |     | Client Info |           | <b>Changed</b>     | ---      | ---      |
| Filter Changed |     | Client Info |           | <b>Not Changed</b> | ---      | ---      |
| Sample Status  |     |             |           | <b>NORMAL</b>      | ---      | ---      |

**WEAR**

All component wear rates are normal.

|              |        |               |      |              |     |     |
|--------------|--------|---------------|------|--------------|-----|-----|
| PQ           |        | ASTM D8184*   |      | <b>0</b>     | --- | --- |
| Iron         | ppm    | ASTM D5185(m) | >50  | <b>0</b>     | --- | --- |
| Chromium     | ppm    | ASTM D5185(m) | >5   | <b>0</b>     | --- | --- |
| Nickel       | ppm    | ASTM D5185(m) |      | <b>&lt;1</b> | --- | --- |
| Titanium     | ppm    | ASTM D5185(m) |      | <b>0</b>     | --- | --- |
| Silver       | ppm    | ASTM D5185(m) |      | <b>&lt;1</b> | --- | --- |
| Aluminum     | ppm    | ASTM D5185(m) | >15  | <b>0</b>     | --- | --- |
| Lead         | ppm    | ASTM D5185(m) | >65  | <b>&lt;1</b> | --- | --- |
| Copper       | ppm    | ASTM D5185(m) | >65  | <b>&lt;1</b> | --- | --- |
| Tin          | ppm    | ASTM D5185(m) | >10  | <b>0</b>     | --- | --- |
| Vanadium     | ppm    | ASTM D5185(m) |      | <b>0</b>     | --- | --- |
| White Metal  | scalar | Visual*       | NONE | <b>NONE</b>  | --- | --- |
| Yellow Metal | scalar | Visual*       | NONE | <b>NONE</b>  | --- | --- |

**CONTAMINATION**

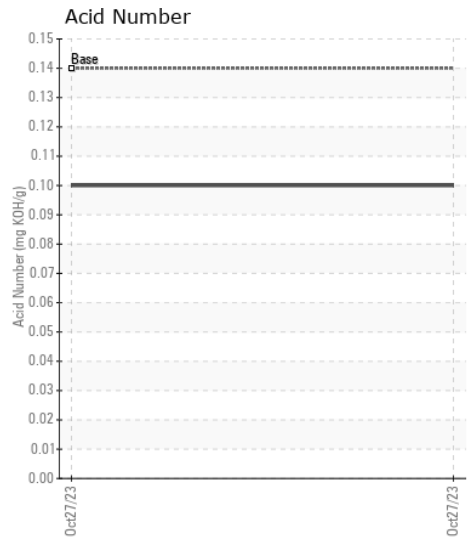
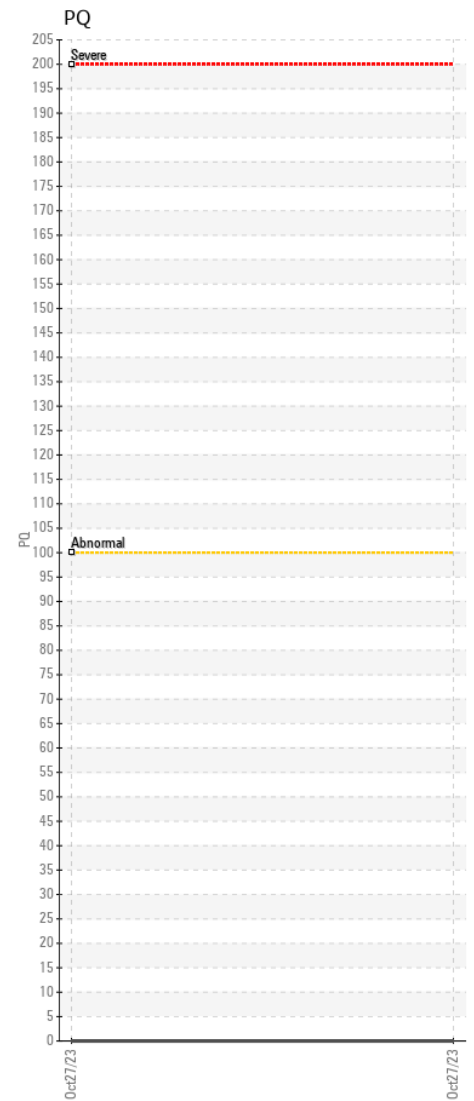
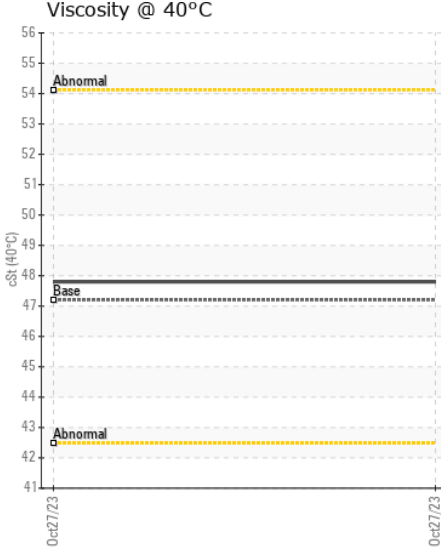
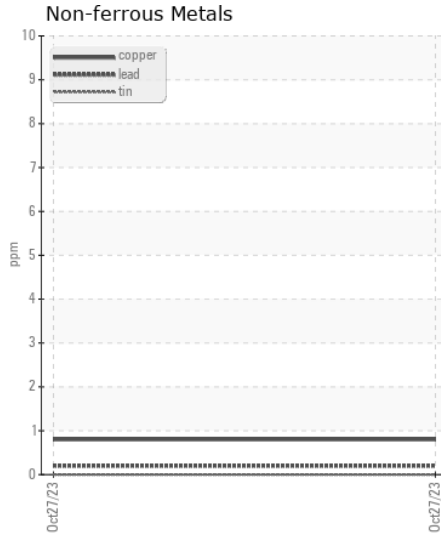
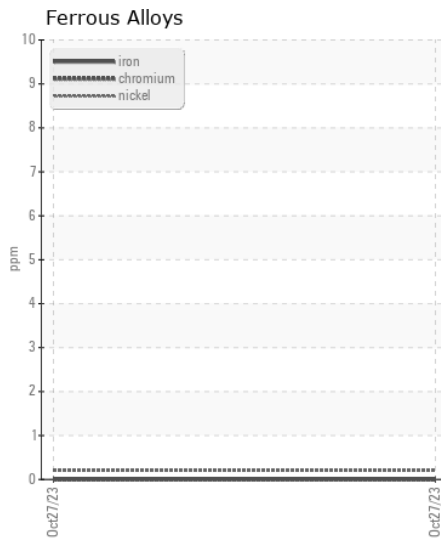
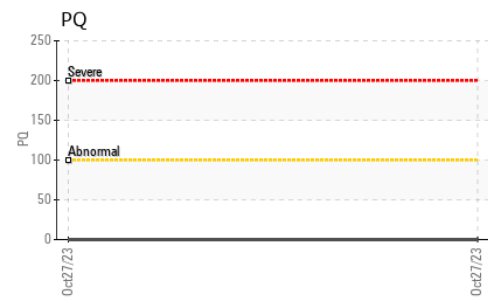
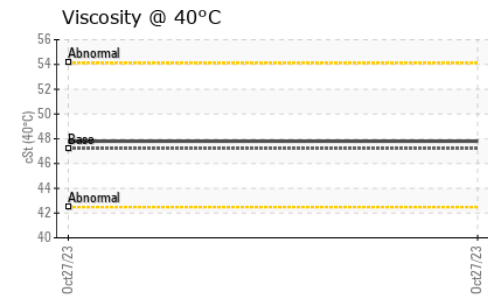
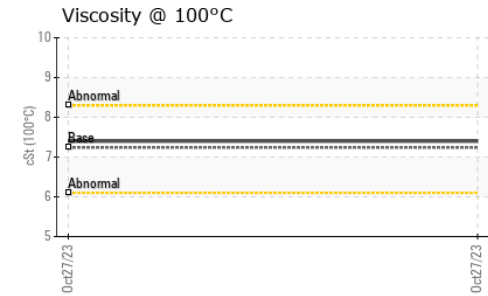
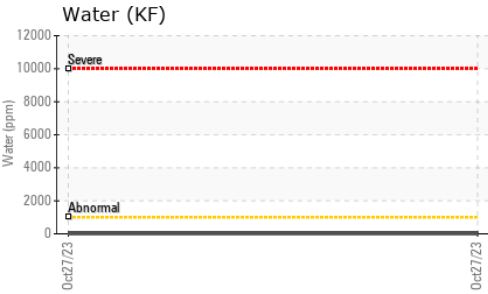
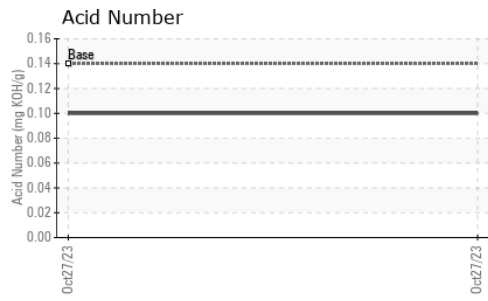
The water content is negligible. There is no indication of any contamination in the oil.

|                  |        |               |       |              |     |     |
|------------------|--------|---------------|-------|--------------|-----|-----|
| Silicon          | ppm    | ASTM D5185(m) | >35   | <b>7</b>     | --- | --- |
| Potassium        | ppm    | ASTM D5185(m) | >20   | <b>0</b>     | --- | --- |
| Water            | %      | ASTM D6304*   | >0.1  | <b>0.001</b> | --- | --- |
| ppm Water        | ppm    | ASTM D6304*   | >1000 | <b>10.3</b>  | --- | --- |
| Silt             | scalar | Visual*       | NONE  | <b>NONE</b>  | --- | --- |
| Debris           | scalar | Visual*       | NONE  | <b>NONE</b>  | --- | --- |
| Sand/Dirt        | scalar | Visual*       | NONE  | <b>NONE</b>  | --- | --- |
| Appearance       | scalar | Visual*       | NORML | <b>NORML</b> | --- | --- |
| Odor             | scalar | Visual*       | NORML | <b>NORML</b> | --- | --- |
| Emulsified Water | scalar | Visual*       | >0.1  | <b>NEG</b>   | --- | --- |

**FLUID CONDITION**

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

|                      |          |               |      |              |     |     |
|----------------------|----------|---------------|------|--------------|-----|-----|
| Sodium               | ppm      | ASTM D5185(m) |      | <b>&lt;1</b> | --- | --- |
| Boron                | ppm      | ASTM D5185(m) |      | <b>&lt;1</b> | --- | --- |
| Barium               | ppm      | ASTM D5185(m) | 20   | <b>&lt;1</b> | --- | --- |
| Molybdenum           | ppm      | ASTM D5185(m) |      | <b>0</b>     | --- | --- |
| Manganese            | ppm      | ASTM D5185(m) |      | <b>0</b>     | --- | --- |
| Magnesium            | ppm      | ASTM D5185(m) |      | <b>0</b>     | --- | --- |
| Calcium              | ppm      | ASTM D5185(m) | 20   | <b>&lt;1</b> | --- | --- |
| Phosphorus           | ppm      | ASTM D5185(m) | 320  | <b>&lt;1</b> | --- | --- |
| Zinc                 | ppm      | ASTM D5185(m) | 20   | <b>&lt;1</b> | --- | --- |
| Sulfur               | ppm      | ASTM D5185(m) | 3000 | <b>2488</b>  | --- | --- |
| Acid Number (AN)     | mg KOH/g | ASTM D974*    | 0.14 | <b>0.10</b>  | --- | --- |
| Visc @ 40°C          | cSt      | ASTM D7279(m) | 47.2 | <b>47.8</b>  | --- | --- |
| Visc @ 100°C         | cSt      | ASTM D7279(m) | 7.24 | <b>7.4</b>   | --- | --- |
| Viscosity Index (VI) | Scale    | ASTM D2270*   | 114  | <b>117</b>   | --- | --- |



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0076515  
**Lab Number** : 02592974  
**Unique Number** : 5670053  
**Test Package** : IND 2 ( Additional Tests: KF, KV100, VI )  
**Received** : 31 Oct 2023  
**Tested** : 01 Nov 2023  
**Diagnosed** : 01 Nov 2023 - Wes Davis

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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.