



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

Machine Id  
**DRESSER RM 3 REGRIND (S/N 0609934201)**

Component  
**Blower**

Fluid  
**PETRO CANADA ENDURATEX SYNTHETIC EP 220 (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

| Test           | UOM | Method      | Limit/Abn | Current            | History1    | History2    |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number  |     | Client Info |           | <b>PCA0110396</b>  | PCA0065577  | PCA125548   |
| Sample Date    |     | Client Info |           | <b>23 Dec 2023</b> | 15 Dec 2021 | 18 Dec 2020 |
| Machine Age    | yrs | Client Info |           | <b>10</b>          | 5           | 0           |
| Oil Age        | yrs | Client Info |           | <b>1</b>           | 1           | 0           |
| Filter Age     | yrs | Client Info |           | <b>0</b>           | 0           | 0           |
| Oil Changed    |     | Client Info |           | <b>Changed</b>     | Changed     | N/A         |
| Filter Changed |     | Client Info |           | <b>N/A</b>         | N/A         | N/A         |
| Sample Status  |     |             |           | <b>NORMAL</b>      | ABNORMAL    | ABNORMAL    |

**WEAR**

All component wear rates are normal.

|              |        |             |      |              |      |      |
|--------------|--------|-------------|------|--------------|------|------|
| Iron         | ppm    | ASTM D5185m | >20  | <b>23</b>    | ▲ 87 | ▲ 26 |
| Chromium     | ppm    | ASTM D5185m | >20  | <b>0</b>     | 0    | 0    |
| Nickel       | ppm    | ASTM D5185m | >20  | <b>0</b>     | 0    | 0    |
| Titanium     | ppm    | ASTM D5185m |      | <b>0</b>     | <1   | <1   |
| Silver       | ppm    | ASTM D5185m |      | <b>0</b>     | 0    | 0    |
| Aluminum     | ppm    | ASTM D5185m | >20  | <b>0</b>     | <1   | <1   |
| Lead         | ppm    | ASTM D5185m | >20  | <b>0</b>     | <1   | <1   |
| Copper       | ppm    | ASTM D5185m | >20  | <b>&lt;1</b> | 2    | <1   |
| Tin          | ppm    | ASTM D5185m | >20  | <b>0</b>     | <1   | 0    |
| Vanadium     | ppm    | ASTM D5185m |      | <b>0</b>     | 0    | 0    |
| White Metal  | scalar | *Visual     | NONE | <b>NONE</b>  | NONE | NONE |
| Yellow Metal | scalar | *Visual     | NONE | <b>NONE</b>  | NONE | NONE |

**CONTAMINATION**

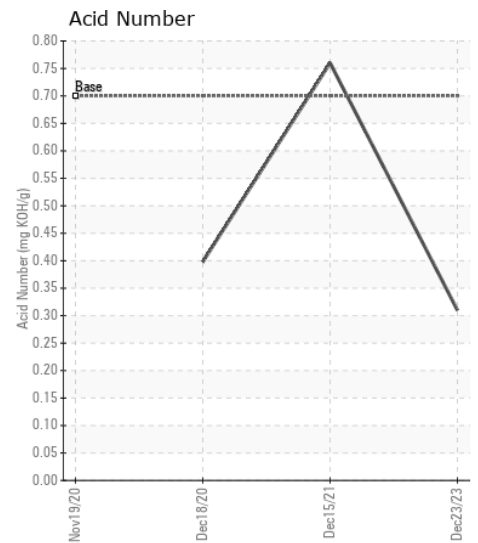
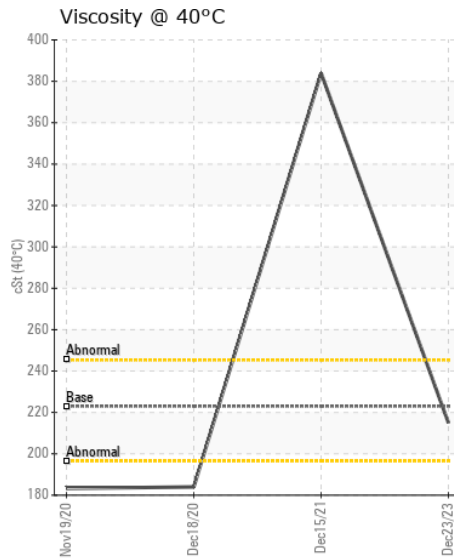
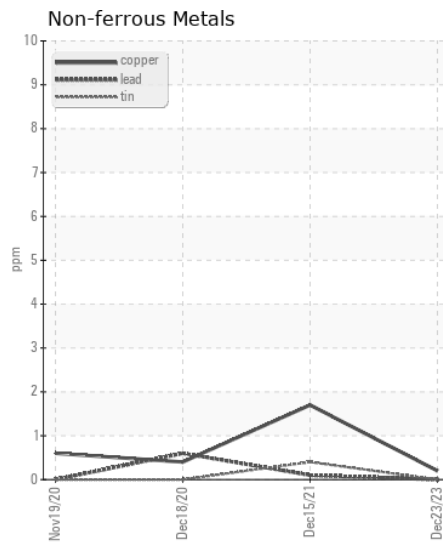
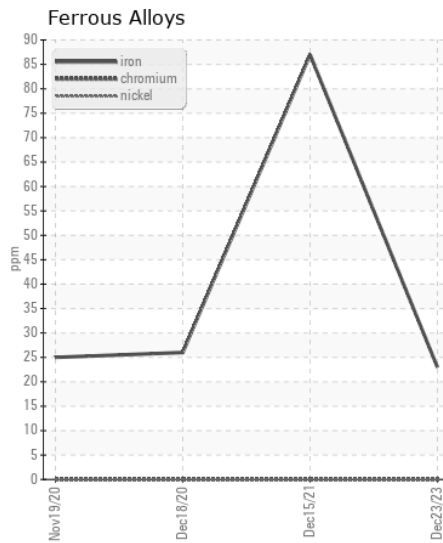
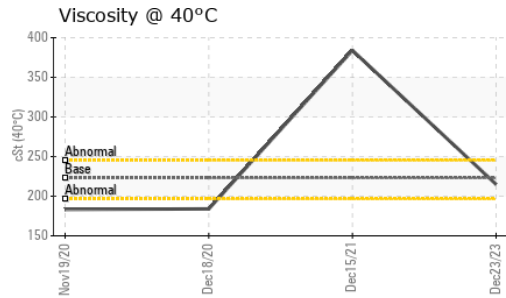
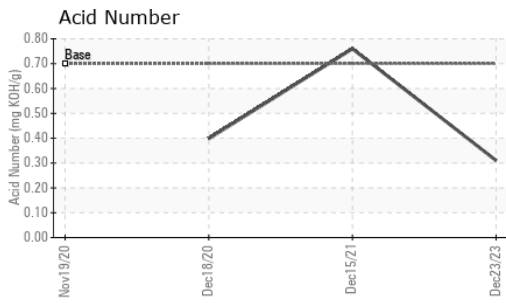
There is no indication of any contamination in the oil.

|                  |        |             |       |              |         |         |
|------------------|--------|-------------|-------|--------------|---------|---------|
| Silicon          | ppm    | ASTM D5185m | >15   | <b>0</b>     | 3       | 1       |
| Potassium        | ppm    | ASTM D5185m | >20   | <b>&lt;1</b> | <1      | 0       |
| Water            |        | WC Method   |       | <b>NEG</b>   | NEG     | NEG     |
| Silt             | scalar | *Visual     | NONE  | <b>NONE</b>  | NONE    | NONE    |
| Debris           | scalar | *Visual     | NONE  | <b>LIGHT</b> | ▲ MODER | ▲ MODER |
| Sand/Dirt        | scalar | *Visual     | NONE  | <b>NONE</b>  | NONE    | NONE    |
| Appearance       | scalar | *Visual     | NORML | <b>NORML</b> | NORML   | NORML   |
| Odor             | scalar | *Visual     | NORML | <b>NORML</b> | NORML   | NORML   |
| Emulsified Water | scalar | *Visual     |       | <b>NEG</b>   | NEG     | NEG     |

**FLUID CONDITION**

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

|                  |          |             |      |             |       |       |
|------------------|----------|-------------|------|-------------|-------|-------|
| Sodium           | ppm      | ASTM D5185m |      | <b>0</b>    | <1    | 1     |
| Boron            | ppm      | ASTM D5185m | 33   | <b>2</b>    | 13    | 4     |
| Barium           | ppm      | ASTM D5185m | 5    | <b>0</b>    | 0     | 0     |
| Molybdenum       | ppm      | ASTM D5185m |      | <b>0</b>    | 0     | 0     |
| Manganese        | ppm      | ASTM D5185m |      | <b>0</b>    | 1     | 1     |
| Magnesium        | ppm      | ASTM D5185m | 5    | <b>0</b>    | 0     | 1     |
| Calcium          | ppm      | ASTM D5185m | 5    | <b>0</b>    | 12    | 36    |
| Phosphorus       | ppm      | ASTM D5185m | 437  | <b>84</b>   | 358   | 273   |
| Zinc             | ppm      | ASTM D5185m | 5    | <b>10</b>   | 97    | 201   |
| Sulfur           | ppm      | ASTM D5185m | 5000 | <b>2220</b> | 4572  | 5850  |
| Acid Number (AN) | mg KOH/g | ASTM D8045  | 0.7  | <b>0.31</b> | 0.76  | 0.398 |
| Visc @ 40°C      | cSt      | ASTM D445   | 223  | <b>215</b>  | ▲ 384 | ▲ 184 |



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0110396 **Received** : 11 Jan 2024  
**Lab Number** : 06058264 **Diagnosed** : 14 Jan 2024  
**Unique Number** : 10829646 **Diagnostician** : Don Baldrige  
**Test Package** : IND 2

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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