



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

Machine Id  
**2126924**  
 Component  
**Transmission (Manual)**  
 Fluid  
**PETRO CANADA SYNGEAR E CD-50 (--- QTS)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

| Test           | UOM | Method      | Limit/Abn | Current            | History1    | History2    |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number  |     | Client Info |           | <b>PCA0121376</b>  | PCA0117947  | PCA0106109  |
| Sample Date    |     | Client Info |           | <b>22 Apr 2024</b> | 28 Jan 2024 | 04 Oct 2023 |
| Machine Age    | mls | Client Info |           | <b>122084</b>      | 102284      | 81623       |
| Oil Age        | mls | Client Info |           | <b>122084</b>      | 102284      | 0           |
| Filter Age     | mls | Client Info |           | <b>122084</b>      | 102284      | 0           |
| Oil Changed    |     | Client Info |           | <b>Not Changd</b>  | Not Changd  | Changed     |
| Filter Changed |     | Client Info |           | <b>Not Changd</b>  | Not Changd  | Changed     |
| Sample Status  |     |             |           | <b>NORMAL</b>      | NORMAL      | NORMAL      |

**WEAR**

All component wear rates are normal.

|              |        |             |      |             |      |      |
|--------------|--------|-------------|------|-------------|------|------|
| Iron         | ppm    | ASTM D5185m | >200 | <b>25</b>   | 31   | 37   |
| Chromium     | ppm    | ASTM D5185m | >5   | <b>0</b>    | <1   | <1   |
| Nickel       | ppm    | ASTM D5185m | >5   | <b>0</b>    | 0    | <1   |
| Titanium     | ppm    | ASTM D5185m |      | <b>0</b>    | 0    | 0    |
| Silver       | ppm    | ASTM D5185m | >7   | <b>0</b>    | 0    | 0    |
| Aluminum     | ppm    | ASTM D5185m | >25  | <b>2</b>    | 2    | 1    |
| Lead         | ppm    | ASTM D5185m | >45  | <b>0</b>    | 0    | <1   |
| Copper       | ppm    | ASTM D5185m | >225 | <b>50</b>   | 52   | 52   |
| Tin          | ppm    | ASTM D5185m | >10  | <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**

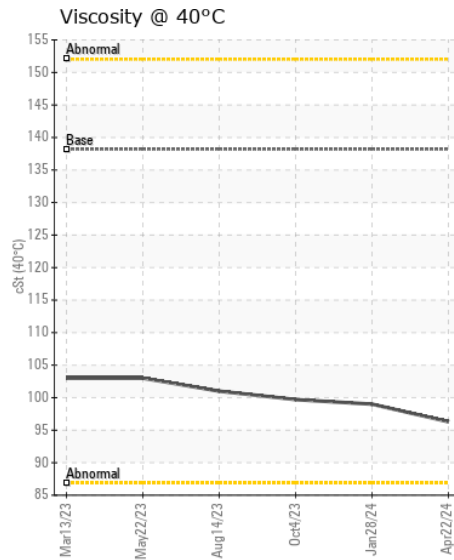
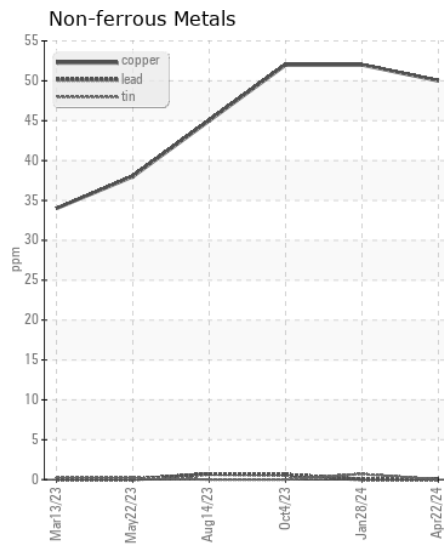
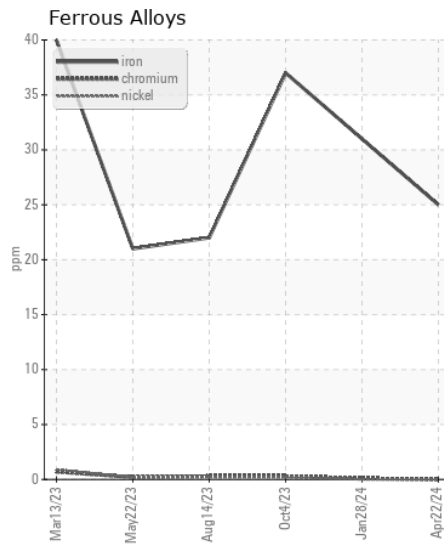
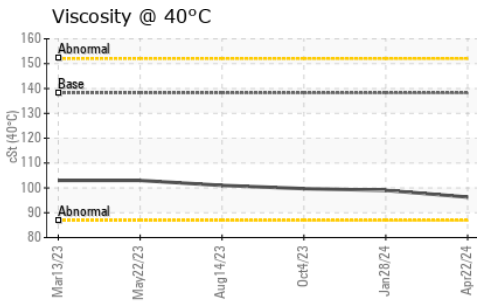
There is no indication of any contamination in the fluid.

|                  |        |             |       |              |       |       |
|------------------|--------|-------------|-------|--------------|-------|-------|
| Silicon          | ppm    | ASTM D5185m | >125  | <b>51</b>    | 53    | 57    |
| Potassium        | ppm    | ASTM D5185m | >20   | <b>2</b>     | 0     | 0     |
| Water            |        | WC Method   | >0.1  | <b>NEG</b>   | NEG   | NEG   |
| Silt             | scalar | *Visual     | NONE  | <b>NONE</b>  | NONE  | NONE  |
| Debris           | scalar | *Visual     | NONE  | <b>NONE</b>  | NONE  | LIGHT |
| 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     | >0.1  | <b>NEG</b>   | NEG   | NEG   |

**FLUID CONDITION**

The condition of the fluid is acceptable for the time in service.

|             |     |             |       |              |      |      |
|-------------|-----|-------------|-------|--------------|------|------|
| Sodium      | ppm | ASTM D5185m |       | <b>3</b>     | 2    | 2    |
| Boron       | ppm | ASTM D5185m |       | <b>0</b>     | 0    | 0    |
| Barium      | ppm | ASTM D5185m |       | <b>0</b>     | 0    | 0    |
| Molybdenum  | ppm | ASTM D5185m |       | <b>0</b>     | <1   | <1   |
| Manganese   | ppm | ASTM D5185m |       | <b>16</b>    | 16   | 19   |
| Magnesium   | ppm | ASTM D5185m |       | <b>&lt;1</b> | 0    | 0    |
| Calcium     | ppm | ASTM D5185m |       | <b>898</b>   | 849  | 914  |
| Phosphorus  | ppm | ASTM D5185m |       | <b>715</b>   | 663  | 740  |
| Zinc        | ppm | ASTM D5185m |       | <b>3</b>     | 0    | <1   |
| Sulfur      | ppm | ASTM D5185m |       | <b>5945</b>  | 5062 | 4860 |
| Visc @ 40°C | cSt | ASTM D445   | 138.2 | <b>96.3</b>  | 99.0 | 99.7 |



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0121376  
**Lab Number** : 06220195  
**Unique Number** : 11098392  
**Test Package** : FLEET

**Received** : 25 Jun 2024  
**Tested** : 27 Jun 2024  
**Diagnosed** : 27 Jun 2024 - Sean Felton

**PERDUE FARMS - GEORGETOWN**  
 20621 SAVANAH RD  
 GEORGETOWN, DE  
 US 19947  
 Contact: ROBERT LOCKWOOD  
 Robert.Lockwood@Perdue.com

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)

T:  
F: