



| | |
|-----------------|---------------|
| WEAR | NORMAL |
| CONTAMINATION | NORMAL |
| FLUID CONDITION | NORMAL |

Machine Id
2126942
 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 | | PCA0119522 | PCA0115444 | PCA0109375 |
| Sample Date | | Client Info | | 24 Feb 2024 | 23 Dec 2023 | 15 Oct 2023 |
| Machine Age | mls | Client Info | | 176613 | 164773 | 131082 |
| Oil Age | mls | Client Info | | 0 | 0 | 131082 |
| Filter Age | mls | Client Info | | 0 | 0 | 131082 |
| Oil Changed | | Client Info | | Not Changd | Not Changd | Not Changd |
| Filter Changed | | Client Info | | N/A | Not Changd | Not Changd |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|------|--------------|------|------|
| Iron | ppm | ASTM D5185m | >200 | 46 | 58 | 62 |
| Chromium | ppm | ASTM D5185m | >5 | <1 | <1 | 1 |
| Nickel | ppm | ASTM D5185m | >5 | 0 | 0 | 1 |
| Titanium | ppm | ASTM D5185m | | 0 | 0 | 1 |
| Silver | ppm | ASTM D5185m | >7 | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >25 | 2 | 2 | 2 |
| Lead | ppm | ASTM D5185m | >45 | 0 | 0 | 0 |
| Copper | ppm | ASTM D5185m | >225 | 65 | 76 | 80 |
| Tin | ppm | ASTM D5185m | >10 | 0 | 0 | 0 |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | <1 |
| White Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

CONTAMINATION

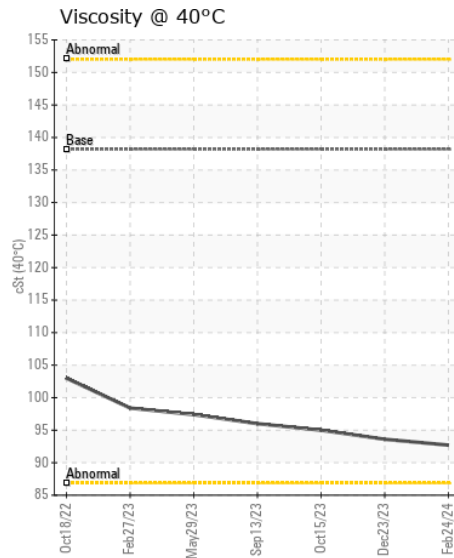
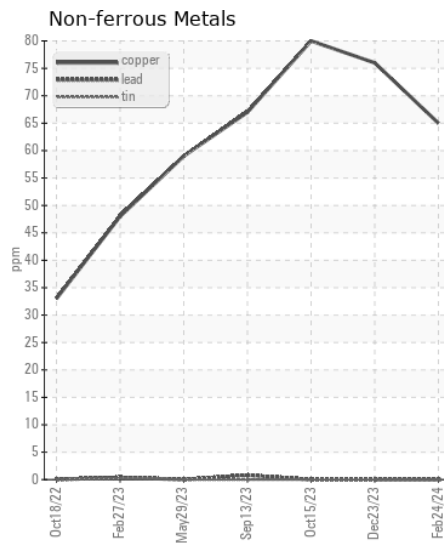
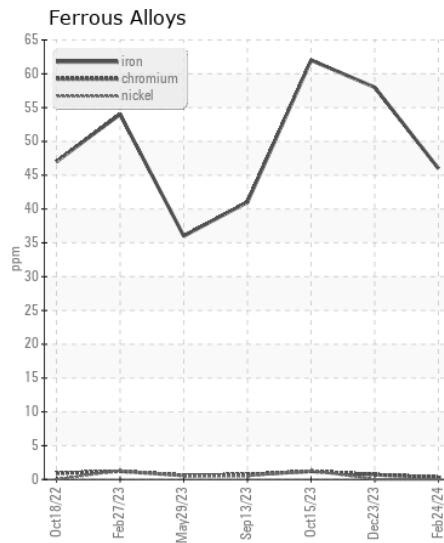
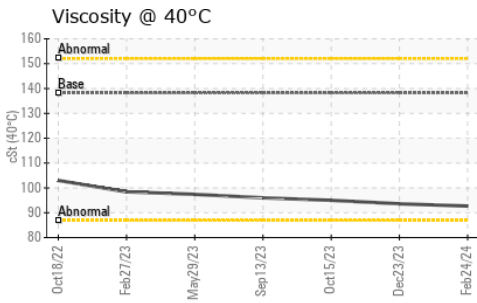
There is no indication of any contamination in the fluid.

| | | | | | | |
|------------------|--------|-------------|-------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185m | >125 | 58 | 66 | 71 |
| Potassium | ppm | ASTM D5185m | >20 | 3 | 0 | 2 |
| Water | | WC Method | >0.1 | NEG | NEG | NEG |
| 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 | >0.1 | NEG | NEG | NEG |

FLUID CONDITION

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

| | | | | | | |
|-------------|-----|-------------|-------|--------------|------|------|
| Sodium | ppm | ASTM D5185m | | 3 | 2 | 0 |
| Boron | ppm | ASTM D5185m | | 11 | 11 | 15 |
| Barium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | | <1 | 1 | 2 |
| Manganese | ppm | ASTM D5185m | | 23 | 28 | 32 |
| Magnesium | ppm | ASTM D5185m | | 1 | 0 | 1 |
| Calcium | ppm | ASTM D5185m | | 662 | 678 | 724 |
| Phosphorus | ppm | ASTM D5185m | | 692 | 691 | 660 |
| Zinc | ppm | ASTM D5185m | | 6 | 0 | 0 |
| Sulfur | ppm | ASTM D5185m | | 8055 | 7256 | 8159 |
| Visc @ 40°C | cSt | ASTM D445 | 138.2 | 92.7 | 93.6 | 95.0 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0119522
Lab Number : 06220198
Unique Number : 11098395
Test Package : FLEET

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)

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F: