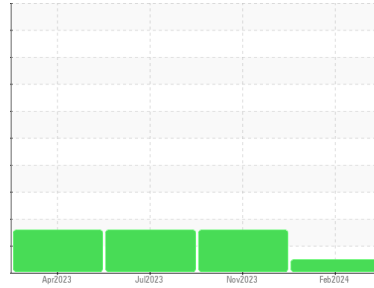


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
2126970
 Component
Transmission (Manual)
 Fluid
PETRO CANADA TRAXON SYNTHETIC CD-50 (--- QTS)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

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

SAMPLE INFORMATION

| | method | limit/base | current | history1 | history2 |
|---------------|-------------|-------------|--------------------|-------------|-------------|
| Sample Number | Client Info | | PCA0117952 | PCA0110941 | PCA0102158 |
| Sample Date | Client Info | | 16 Feb 2024 | 06 Nov 2023 | 26 Jul 2023 |
| Machine Age | mls | Client Info | 22233 | 0 | 40486 |
| Oil Age | mls | Client Info | 0 | 61458 | 40486 |
| Oil Changed | Client Info | | Not Chngd | Not Chngd | Not Chngd |
| Sample Status | | | NORMAL | ABNORMAL | ABNORMAL |

CONTAMINATION

| | method | limit/base | current | history1 | history2 |
|-------|-----------|------------|------------|----------|----------|
| Water | WC Method | >0.1 | NEG | NEG | NEG |

WEAR METALS

| | method | limit/base | current | history1 | history2 |
|----------|--------|------------------|--------------|----------|----------|
| Iron | ppm | ASTM D5185m >200 | 54 | 50 | 45 |
| Chromium | ppm | ASTM D5185m >5 | <1 | <1 | <1 |
| Nickel | ppm | ASTM D5185m >5 | <1 | <1 | <1 |
| Titanium | ppm | ASTM D5185m | 0 | 0 | <1 |
| Silver | ppm | ASTM D5185m >7 | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m >25 | 2 | <1 | 2 |
| Lead | ppm | ASTM D5185m >45 | 0 | <1 | 0 |
| Copper | ppm | ASTM D5185m >225 | 54 | 47 | 42 |
| Tin | ppm | ASTM D5185m >10 | 0 | 0 | 0 |
| Vanadium | ppm | ASTM D5185m | 0 | 0 | 0 |
| Cadmium | ppm | ASTM D5185m | 0 | 0 | 0 |

ADDITIVES

| | method | limit/base | current | history1 | history2 |
|------------|--------|------------------|--------------|----------|----------|
| Boron | ppm | ASTM D5185m 139 | 0 | 0 | 0 |
| Barium | ppm | ASTM D5185m 1 | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | <1 | <1 | 0 |
| Manganese | ppm | ASTM D5185m | 29 | 31 | 30 |
| Magnesium | ppm | ASTM D5185m 1 | 0 | <1 | 2 |
| Calcium | ppm | ASTM D5185m 30 | 855 | 871 | 944 |
| Phosphorus | ppm | ASTM D5185m 309 | 675 | 718 | 708 |
| Zinc | ppm | ASTM D5185m 1 | 0 | 0 | 2 |
| Sulfur | ppm | ASTM D5185m 1340 | 5213 | 4708 | 5934 |

CONTAMINANTS

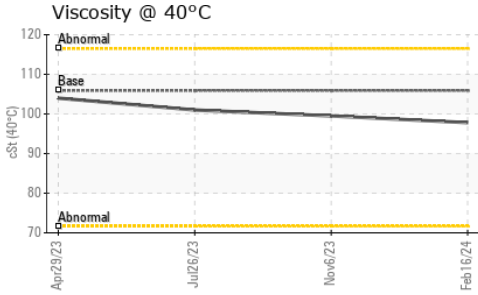
| | method | limit/base | current | history1 | history2 |
|-----------|--------|------------------|-----------|----------|----------|
| Silicon | ppm | ASTM D5185m >125 | 57 | ▲ 56 | ▲ 56 |
| Sodium | ppm | ASTM D5185m | 2 | 3 | 3 |
| Potassium | ppm | ASTM D5185m >20 | 0 | 0 | <1 |

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 >0.1 | NEG | NEG | NEG |
| Free Water | scalar | *Visual | NEG | NEG | NEG |



OIL ANALYSIS REPORT



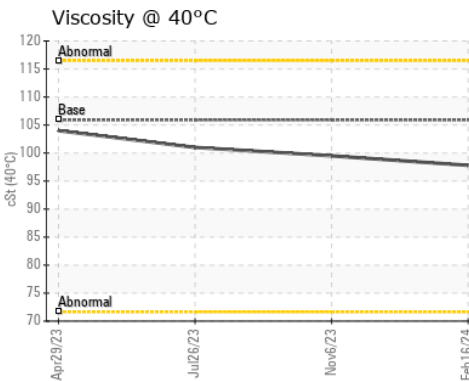
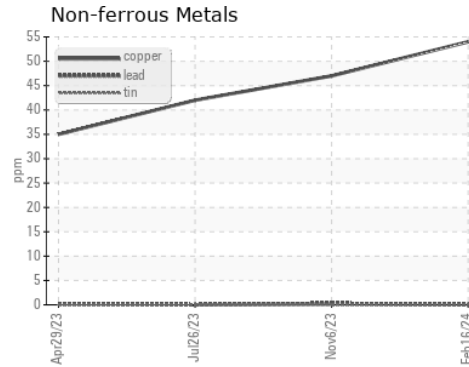
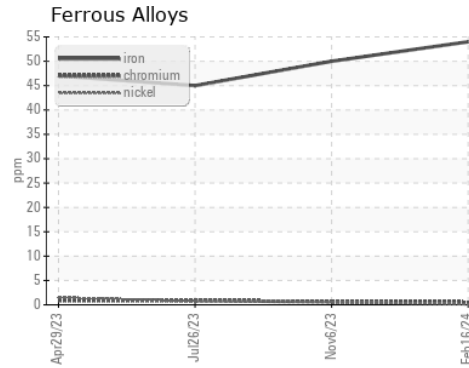
FLUID PROPERTIES

| method | limit/base | current | history1 | history2 | |
|-------------|---------------|---------|-------------|----------|-----|
| Visc @ 40°C | cSt ASTM D445 | 105.9 | 97.8 | 99.5 | 101 |

SAMPLE IMAGES

| method | limit/base | current | history1 | history2 | |
|--------|------------|---------|----------|----------|----------|
| Color | | | no image | no image | no image |
| Bottom | | | no image | no image | no image |

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0117952 **Received** : 14 Mar 2024
Lab Number : **06118736** **Tested** : 15 Mar 2024
Unique Number : 10927569 **Diagnosed** : 15 Mar 2024 - Wes Davis
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)

T:
F: