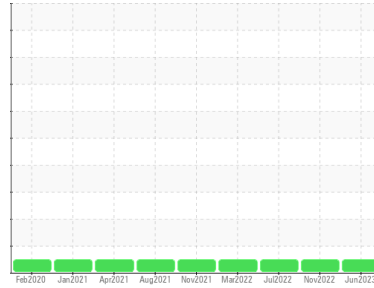


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
FLEET
Machine Id
26375
Component
2 Differential
Fluid
GEAR OIL SAE 75W90 (--- QTS)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

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 | | PCA0099754 | PCA0084904 | PCA0076543 |
| Sample Date | Client Info | | 04 Jun 2023 | 20 Nov 2022 | 31 Jul 2022 |
| Machine Age | mls | Client Info | 441977 | 400188 | 379245 |
| Oil Age | mls | Client Info | 0 | 400188 | 379245 |
| Oil Changed | Client Info | | Not Chngd | Not Chngd | Not Chngd |
| Sample Status | | | NORMAL | NORMAL | NORMAL |

WEAR METALS

| | method | limit/base | current | history1 | history2 |
|----------|--------|------------------|--------------|----------|----------|
| Iron | ppm | ASTM D5185m >500 | 388 | 372 | 354 |
| Chromium | ppm | ASTM D5185m >10 | 3 | 3 | 2 |
| Nickel | ppm | ASTM D5185m >10 | 18 | 20 | 18 |
| Titanium | ppm | ASTM D5185m | <1 | <1 | <1 |
| Silver | ppm | ASTM D5185m | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m >25 | 4 | 4 | 3 |
| Lead | ppm | ASTM D5185m >25 | 0 | <1 | 0 |
| Copper | ppm | ASTM D5185m >100 | 4 | 4 | 4 |
| Tin | ppm | ASTM D5185m >10 | <1 | <1 | <1 |
| 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 400 | 220 | 237 | 217 |
| Barium | ppm | ASTM D5185m 200 | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m 12 | 0 | <1 | <1 |
| Manganese | ppm | ASTM D5185m | 15 | 15 | 13 |
| Magnesium | ppm | ASTM D5185m 12 | 0 | <1 | <1 |
| Calcium | ppm | ASTM D5185m 150 | 11 | 10 | 9 |
| Phosphorus | ppm | ASTM D5185m 1650 | 1399 | 1375 | 1309 |
| Zinc | ppm | ASTM D5185m 125 | 23 | 24 | 12 |
| Sulfur | ppm | ASTM D5185m 22500 | 26989 | 27414 | 25056 |

CONTAMINANTS

| | method | limit/base | current | history1 | history2 |
|-----------|--------|-----------------|-----------|----------|----------|
| Silicon | ppm | ASTM D5185m >75 | 39 | 36 | 32 |
| Sodium | ppm | ASTM D5185m | 20 | 26 | 16 |
| Potassium | ppm | ASTM D5185m >20 | 7 | 8 | 5 |

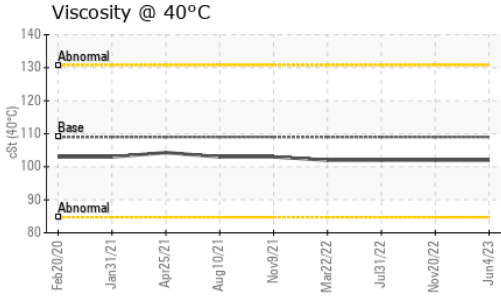
VISUAL

| | 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 | LIGHT | 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 >.2 | NEG | NEG | NEG |
| Free Water | scalar | *Visual | NEG | NEG | NEG |

FLUID PROPERTIES

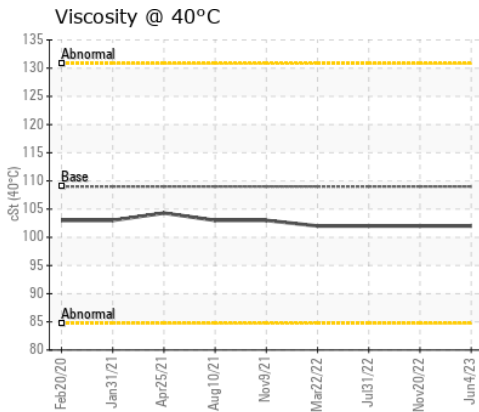
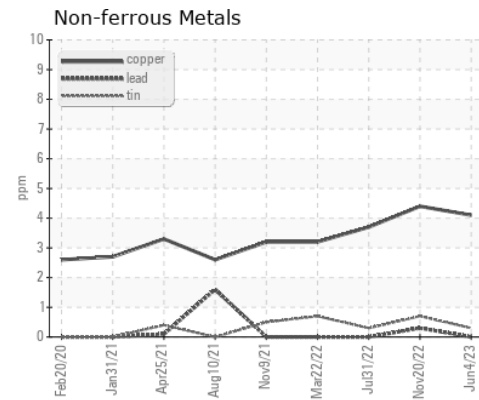
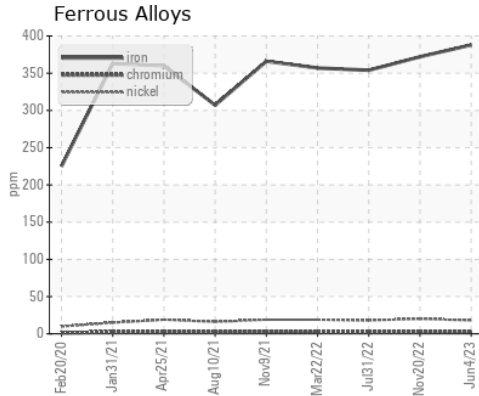
| | method | limit/base | current | history1 | history2 |
|-------------|--------|---------------|------------|----------|----------|
| Visc @ 40°C | cSt | ASTM D445 109 | 102 | 102 | 102 |

OIL ANALYSIS REPORT



| 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. : PCA0099754
Lab Number : 05931177
Unique Number : 10616448
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: