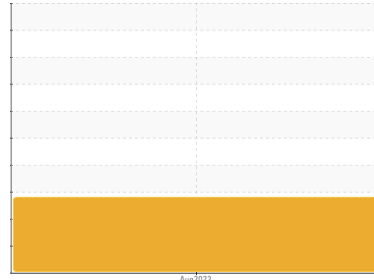




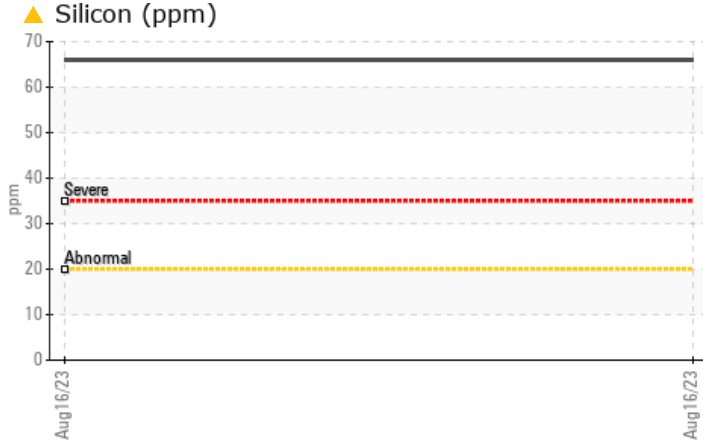
# PROBLEM SUMMARY

Sample Rating Trend



Area  
**FLEET/DILLON**  
 Machine Id  
**2126928 (S/N N603202)**  
 Component  
**Main Transmission (Auto)**  
 Fluid  
**NOT GIVEN (--- GAL)**

## COMPONENT CONDITION SUMMARY



## RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

## PROBLEMATIC TEST RESULTS

| Sample Status |        |             |      | ABNORMAL | --- | --- |
|---------------|--------|-------------|------|----------|-----|-----|
| Silicon       | ppm    | ASTM D5185m | >20  | ▲ 66     | --- | --- |
| White Metal   | scalar | *Visual     | NONE | ▲ MODER  | --- | --- |

Customer Id: PERDILSC  
 Sample No.: PCA0102778  
 Lab Number: 05928526  
 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:  
 Don Baldrige +1  
[don.b505@comcast.net](mailto:don.b505@comcast.net)

To change component or sample information:  
 Customer Service +1 1-800-237-1369  
[customerservice@wearcheck.com](mailto:customerservice@wearcheck.com)

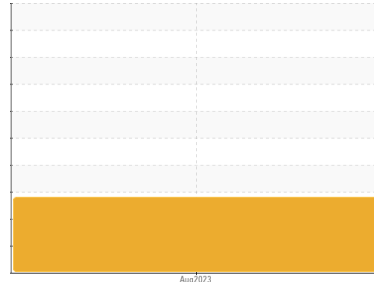
## RECOMMENDED ACTIONS

| Action        | Status | Date | Done By | Description   |
|---------------|--------|------|---------|---|
| Change Filter | ---    | ---  | ?       | We recommend you service the filters on this component. |

## HISTORICAL DIAGNOSIS

# OIL ANALYSIS REPORT

Sample Rating Trend



**DIRT**



Area  
**FLEET/DILLON**  
 Machine Id  
**2126928 (S/N N603202)**  
 Component  
**Main Transmission (Auto)**  
 Fluid  
**NOT GIVEN (--- GAL)**

## DIAGNOSIS

### Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

### Wear

Moderate concentration of visible metal present. All component wear rates are normal.

### Contamination

Elemental level of silicon (Si) above normal indicating ingress of seal material.

### 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 | <b>PCA0102778</b>  | ---      | ---      |
| Sample Date   | Client Info | <b>16 Aug 2023</b> | ---      | ---      |
| Machine Age   | hrs         | Client Info        | <b>0</b> | ---      |
| Oil Age       | hrs         | Client Info        | <b>0</b> | ---      |
| Oil Changed   | Client Info | <b>N/A</b>         | ---      | ---      |
| Sample Status |             | <b>ABNORMAL</b>    | ---      | ---      |

## WEAR METALS

| method   | limit/base | current          | history1     | history2 |
|----------|------------|------------------|--------------|----------|
| Iron     | ppm        | ASTM D5185m >160 | <b>60</b>    | ---      |
| Chromium | ppm        | ASTM D5185m >5   | <b>1</b>     | ---      |
| Nickel   | ppm        | ASTM D5185m >5   | <b>1</b>     | ---      |
| Titanium | ppm        | ASTM D5185m      | <b>&lt;1</b> | ---      |
| Silver   | ppm        | ASTM D5185m >5   | <b>&lt;1</b> | ---      |
| Aluminum | ppm        | ASTM D5185m >50  | <b>2</b>     | ---      |
| Lead     | ppm        | ASTM D5185m >50  | <b>&lt;1</b> | ---      |
| Copper   | ppm        | ASTM D5185m >225 | <b>47</b>    | ---      |
| Tin      | ppm        | ASTM D5185m >10  | <b>&lt;1</b> | ---      |
| Vanadium | ppm        | ASTM D5185m      | <b>&lt;1</b> | ---      |
| Cadmium  | ppm        | ASTM D5185m      | <b>0</b>     | ---      |

## ADDITIVES

| method     | limit/base | current     | history1    | history2 |
|------------|------------|-------------|-------------|----------|
| Boron      | ppm        | ASTM D5185m | <b>0</b>    | ---      |
| Barium     | ppm        | ASTM D5185m | <b>0</b>    | ---      |
| Molybdenum | ppm        | ASTM D5185m | <b>2</b>    | ---      |
| Manganese  | ppm        | ASTM D5185m | <b>33</b>   | ---      |
| Magnesium  | ppm        | ASTM D5185m | <b>4</b>    | ---      |
| Calcium    | ppm        | ASTM D5185m | <b>933</b>  | ---      |
| Phosphorus | ppm        | ASTM D5185m | <b>687</b>  | ---      |
| Zinc       | ppm        | ASTM D5185m | <b>3</b>    | ---      |
| Sulfur     | ppm        | ASTM D5185m | <b>5541</b> | ---      |

## CONTAMINANTS

| method    | limit/base | current         | history1    | history2 |
|-----------|------------|-----------------|-------------|----------|
| Silicon   | ppm        | ASTM D5185m >20 | <b>▲ 66</b> | ---      |
| Sodium    | ppm        | ASTM D5185m     | <b>3</b>    | ---      |
| Potassium | ppm        | ASTM D5185m >20 | <b>2</b>    | ---      |

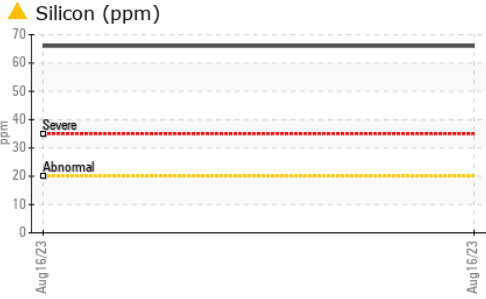
## VISUAL

| method           | limit/base | current       | history1       | history2 |
|------------------|------------|---------------|----------------|----------|
| White Metal      | scalar     | *Visual NONE  | <b>▲ MODER</b> | ---      |
| Yellow Metal     | scalar     | *Visual NONE  | <b>NONE</b>    | ---      |
| Precipitate      | scalar     | *Visual NONE  | <b>NONE</b>    | ---      |
| Silt             | scalar     | *Visual NONE  | <b>NONE</b>    | ---      |
| Debris           | scalar     | *Visual NONE  | <b>NONE</b>    | ---      |
| Sand/Dirt        | scalar     | *Visual NONE  | <b>NONE</b>    | ---      |
| Appearance       | scalar     | *Visual NORML | <b>NORML</b>   | ---      |
| Odor             | scalar     | *Visual NORML | <b>NORML</b>   | ---      |
| Emulsified Water | scalar     | *Visual >0.1  | <b>NEG</b>     | ---      |
| Free Water       | scalar     | *Visual       | <b>NEG</b>     | ---      |

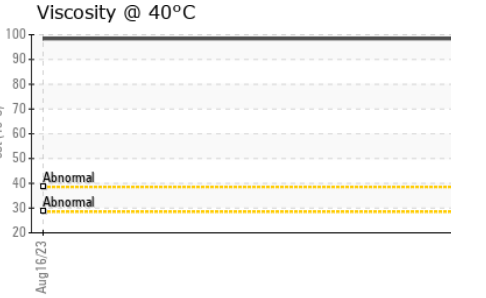
## FLUID PROPERTIES

| method      | limit/base | current   | history1    | history2 |
|-------------|------------|-----------|-------------|----------|
| Visc @ 40°C | cSt        | ASTM D445 | <b>98.4</b> | ---      |

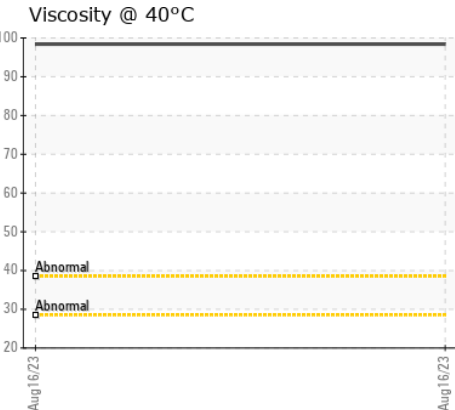
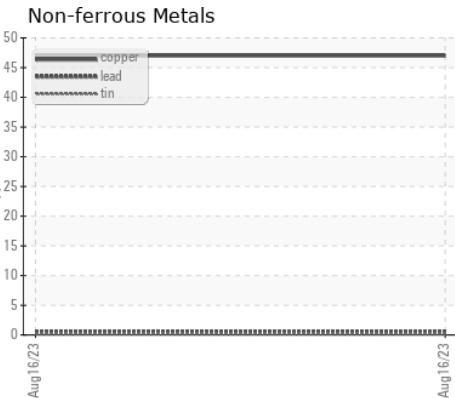
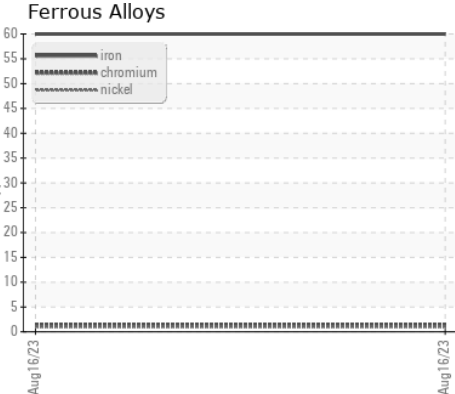
# OIL ANALYSIS REPORT



| 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.** : PCA0102778 **Received** : 18 Aug 2023  
**Lab Number** : 05928526 **Diagnosed** : 21 Aug 2023  
**Unique Number** : 10608473 **Diagnostician** : Don Baldrige  
**Test Package** : FLEET

**PERDUE FARMS - DILLON**  
 2047 HWY 9 WEST  
 DILLON, SC  
 US 29536  
 Contact: KEVIN HOOKS  
 kevin.hooks@perdue.com  
 T: (843)841-8069  
 F: (843)841-8070

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)