

# PROBLEM SUMMARY

Sample Rating Trend

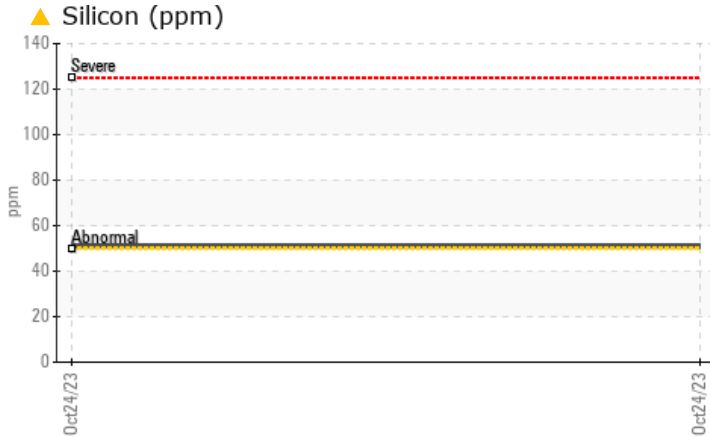


DIRT



Machine Id  
**2026881**  
Component  
**Transmission**  
Fluid  
**NOT GIVEN (--- GAL)**

## COMPONENT CONDITION SUMMARY



## RECOMMENDATION

No corrective action is recommended at this time.  
Resample at the next service interval to monitor.  
Please specify the brand, type, and viscosity of the oil on your next sample.

## PROBLEMATIC TEST RESULTS

Sample Status	ABNORMAL		---	---		
Silicon	ppm	ASTM D5185m	>50	▲ 51	---	---

Customer Id: PERDILSC  
Sample No.: PCA0108102  
Lab Number: 06001947  
Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:  
Jonathan Hester +1 919-379-4092 x4092  
[jhester@wearcheckusa.com](mailto:jhester@wearcheckusa.com)

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
Information Required	---	---	?	Please specify the brand, type, and viscosity of the oil on your next sample.

## HISTORICAL DIAGNOSIS

# OIL ANALYSIS REPORT

Sample Rating Trend



**DIRT**



Machine Id  
**2026881**  
 Component  
**Transmission**  
 Fluid  
**NOT GIVEN (--- GAL)**

## DIAGNOSIS

### ▲ Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

### Wear

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>PCA0108102</b>	---	---
Sample Date	Client Info	<b>24 Oct 2023</b>	---	---
Machine Age	hrs Client Info	<b>132775</b>	---	---
Oil Age	hrs Client Info	<b>132775</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 >200	<b>37</b>	---	---
Chromium ppm	ASTM D5185m >10	<b>0</b>	---	---
Nickel ppm	ASTM D5185m	<b>0</b>	---	---
Titanium ppm	ASTM D5185m	<b>0</b>	---	---
Silver ppm	ASTM D5185m	<b>0</b>	---	---
Aluminum ppm	ASTM D5185m >50	<b>2</b>	---	---
Lead ppm	ASTM D5185m >50	<b>0</b>	---	---
Copper ppm	ASTM D5185m >200	<b>53</b>	---	---
Tin ppm	ASTM D5185m >10	<b>0</b>	---	---
Vanadium ppm	ASTM D5185m	<b>0</b>	---	---
Cadmium ppm	ASTM D5185m	<b>0</b>	---	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron ppm	ASTM D5185m	<b>4</b>	---	---
Barium ppm	ASTM D5185m	<b>0</b>	---	---
Molybdenum ppm	ASTM D5185m	<b>0</b>	---	---
Manganese ppm	ASTM D5185m	<b>6</b>	---	---
Magnesium ppm	ASTM D5185m	<b>1</b>	---	---
Calcium ppm	ASTM D5185m	<b>664</b>	---	---
Phosphorus ppm	ASTM D5185m	<b>588</b>	---	---
Zinc ppm	ASTM D5185m	<b>41</b>	---	---
Sulfur ppm	ASTM D5185m	<b>3312</b>	---	---

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >50	▲ <b>51</b>	---	---
Sodium ppm	ASTM D5185m	<b>&lt;1</b>	---	---
Potassium ppm	ASTM D5185m >20	<b>4</b>	---	---

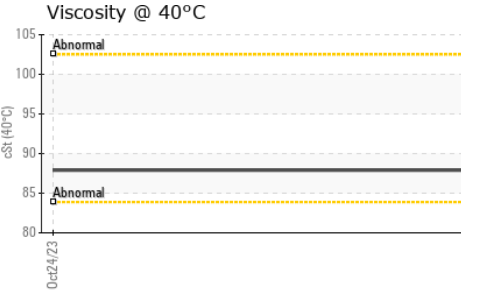
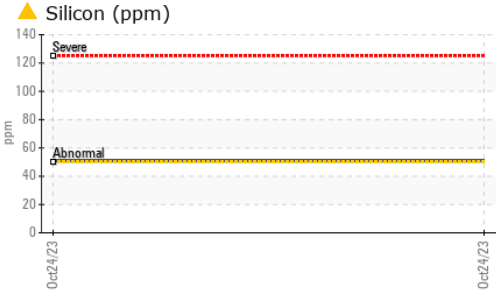
## VISUAL

method	limit/base	current	history1	history2
White Metal scalar	*Visual NONE	<b>NONE</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

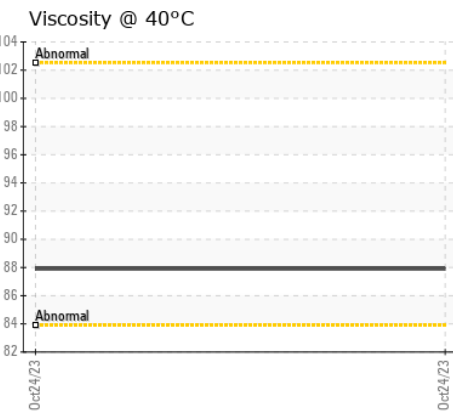
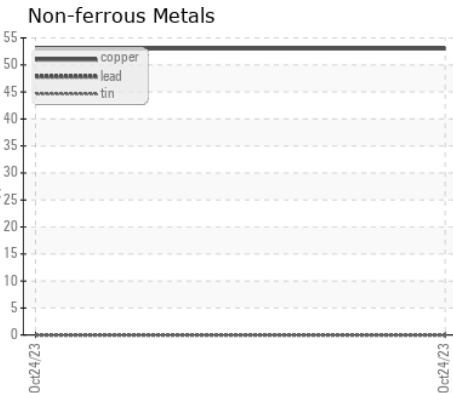
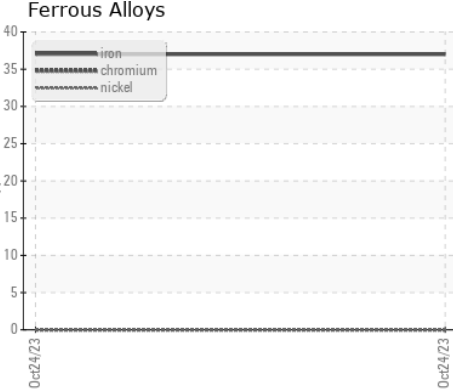
method	limit/base	current	history1	history2
Visc @ 40°C cSt	ASTM D445	<b>87.9</b>	---	---

# 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.** : PCA0108102 **Received** : 08 Nov 2023  
**Lab Number** : 06001947 **Diagnosed** : 10 Nov 2023  
**Unique Number** : 10735709 **Diagnostician** : Jonathan Hester  
**Test Package** : FLEET

**PERDUE FARMS - DILLON**  
 2047 HWY 9 WEST  
 DILLON, SC  
 US 29536  
 Contact: KEVIN HOOKS  
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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)