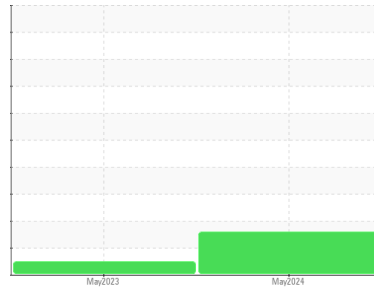


# OIL ANALYSIS REPORT

## Sample Rating Trend



Machine Id  
**2227005**  
 Component  
**Transmission**  
 Fluid  
 {not provided} (--- QTS)

### DIAGNOSIS

- Recommendation**  
 No corrective action is recommended at this time. Resample at the next service interval to monitor.
- 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>PCA0120355</b>	PCA0099151	---
Sample Date	Client Info		<b>08 May 2024</b>	25 May 2023	---
Machine Age	mls	Client Info	<b>97654</b>	19813	---
Oil Age	mls	Client Info	<b>0</b>	0	---
Oil Changed	Client Info		<b>Not Chngd</b>	Not Chngd	---
Sample Status			<b>ABNORMAL</b>	NORMAL	---

### CONTAMINATION

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

### WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	<b>80</b>	63	---
Chromium	ppm	ASTM D5185m >10	<b>1</b>	1	---
Nickel	ppm	ASTM D5185m	<b>&lt;1</b>	<1	---
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	0	---
Silver	ppm	ASTM D5185m	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m >50	<b>6</b>	3	---
Lead	ppm	ASTM D5185m >50	<b>&lt;1</b>	0	---
Copper	ppm	ASTM D5185m >200	<b>96</b>	54	---
Tin	ppm	ASTM D5185m >10	<b>&lt;1</b>	<1	---
Vanadium	ppm	ASTM D5185m	<b>&lt;1</b>	0	---
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	---

### ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>0</b>	0	---
Barium	ppm	ASTM D5185m	<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m	<b>2</b>	0	---
Manganese	ppm	ASTM D5185m	<b>26</b>	33	---
Magnesium	ppm	ASTM D5185m	<b>2</b>	2	---
Calcium	ppm	ASTM D5185m	<b>802</b>	882	---
Phosphorus	ppm	ASTM D5185m	<b>678</b>	675	---
Zinc	ppm	ASTM D5185m	<b>22</b>	8	---
Sulfur	ppm	ASTM D5185m	<b>4960</b>	5466	---

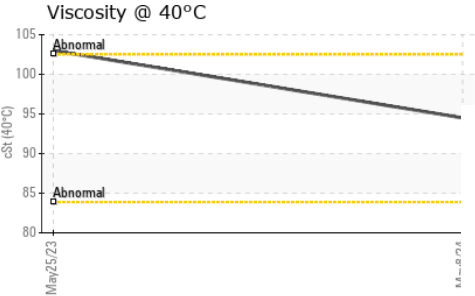
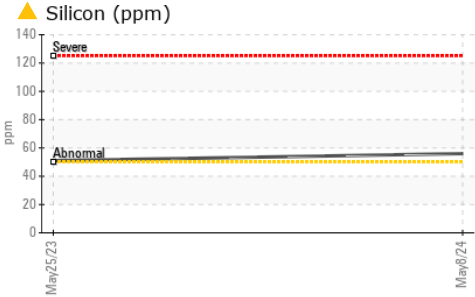
### CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	<b>▲ 56</b>	51	---
Sodium	ppm	ASTM D5185m	<b>&lt;1</b>	3	---
Potassium	ppm	ASTM D5185m >20	<b>2</b>	<1	---

### VISUAL

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

# OIL ANALYSIS REPORT



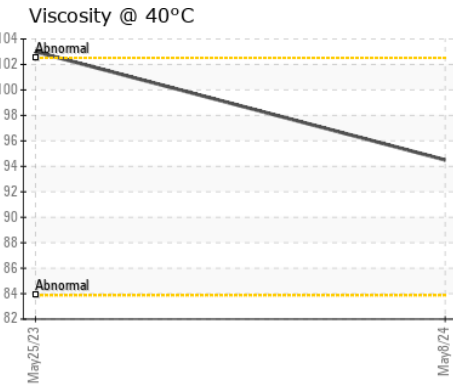
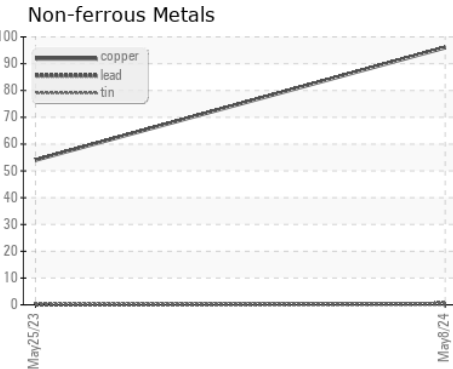
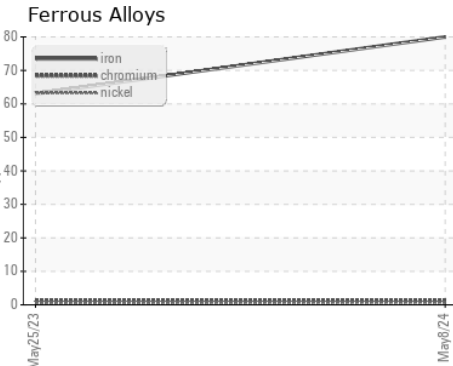
### FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	<b>94.5</b>	103	---

### SAMPLE IMAGES

method	limit/base	current	history1	history2
Color		<i>no image</i>	<i>no image</i>	<i>no image</i>
Bottom		<i>no image</i>	<i>no image</i>	<i>no image</i>

### GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0120355      **Received** : 09 May 2024  
**Lab Number** : **06174510**      **Tested** : 10 May 2024  
**Unique Number** : 11020563      **Diagnosed** : 13 May 2024 - Don Baldrige  
**Test Package** : FLEET

**PERDUE FARMS - BRIDGEVILLE**  
 8634 E NEWTON RD  
 BRIDGEVILLE, DE  
 US 19933  
 Contact: GEORGE LACATES

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: