

# OIL ANALYSIS REPORT

Sample Rating Trend



Area  
**FLEET**  
 Machine Id  
**2227083 (S/N 4v4nc9eh4rn643763)**  
 Component  
**Transmission (Auto)**  
 Fluid  
**{not provided} (--- 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 dirt/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>PCA0112372</b>	PCA0108159	---
Sample Date	Client Info	<b>07 Jan 2024</b>	08 Nov 2023	---
Machine Age	hrs	<b>0</b>	0	---
Oil Age	hrs	<b>0</b>	0	---
Oil Changed	Client Info	<b>N/A</b>	N/A	---
Sample Status		<b>ABNORMAL</b>	ABNORMAL	---

## CONTAMINATION

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

## WEAR METALS

method	limit/base	current	history1	history2		
Iron	ppm	ASTM D5185m	>160	<b>50</b>	49	---
Chromium	ppm	ASTM D5185m	>5	<b>1</b>	1	---
Nickel	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	---
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	---
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>50	<b>1</b>	<1	---
Lead	ppm	ASTM D5185m	>50	<b>0</b>	<1	---
Copper	ppm	ASTM D5185m	>225	<b>38</b>	28	---
Tin	ppm	ASTM D5185m	>10	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
Cadmium	ppm	ASTM D5185m		<b>0</b>	0	---

## ADDITIVES

method	limit/base	current	history1	history2		
Boron	ppm	ASTM D5185m		<b>0</b>	2	---
Barium	ppm	ASTM D5185m		<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m		<b>0</b>	<1	---
Manganese	ppm	ASTM D5185m		<b>33</b>	36	---
Magnesium	ppm	ASTM D5185m		<b>2</b>	0	---
Calcium	ppm	ASTM D5185m		<b>837</b>	835	---
Phosphorus	ppm	ASTM D5185m		<b>703</b>	662	---
Zinc	ppm	ASTM D5185m		<b>0</b>	1	---
Sulfur	ppm	ASTM D5185m		<b>4610</b>	4347	---

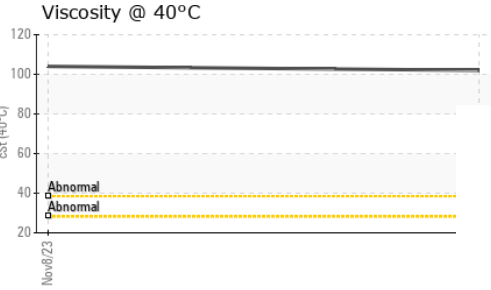
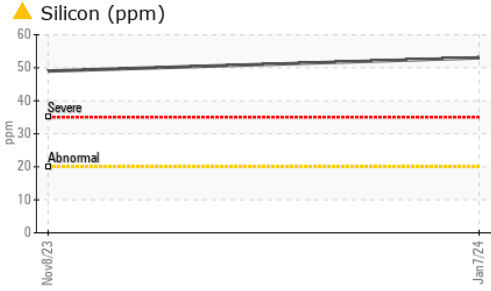
## CONTAMINANTS

method	limit/base	current	history1	history2		
Silicon	ppm	ASTM D5185m	>20	<b>▲ 53</b>	▲ 49	---
Sodium	ppm	ASTM D5185m		<b>3</b>	3	---
Potassium	ppm	ASTM D5185m	>20	<b>1</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>	NONE	---
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

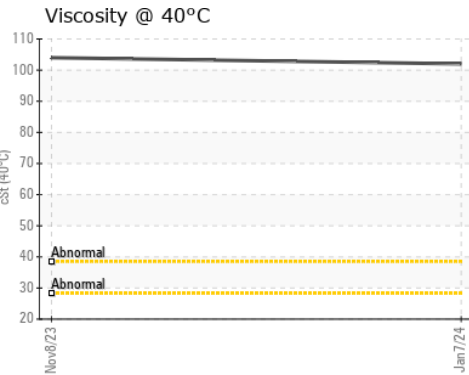
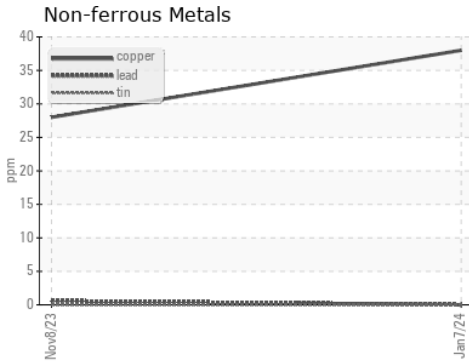
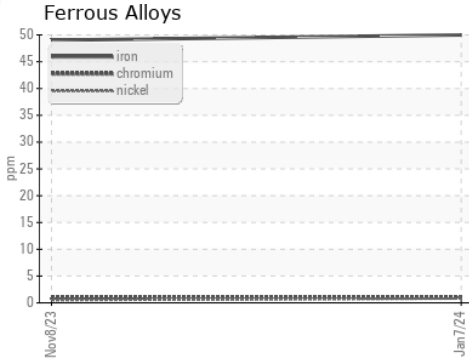


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		<b>102</b>	104	---

SAMPLE IMAGES		method	limit/base	current	history1	history2
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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.** : PCA0112372     **Recieved** : 11 Jan 2024  
**Lab Number** : 06058505     **Diagnosed** : 14 Jan 2024  
**Unique Number** : 10829887     **Diagnostician** : Don Baldrige  
**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)