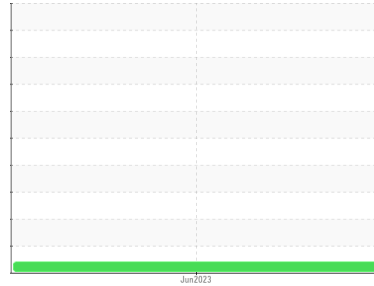


# PROBLEM SUMMARY

Sample Rating Trend



**VIS DEBRIS**



Machine Id  
**2026886**  
 Component  
**Front Differential**  
 Fluid  
**GEAR OIL SAE 75W90 (--- QTS)**

## COMPONENT CONDITION SUMMARY

No relevant graphs to display

## RECOMMENDATION

No corrective action is recommended at this time.  
Resample at the next service interval to monitor.

## PROBLEMATIC TEST RESULTS

Sample Status				<b>ABNORMAL</b>	---	---
Debris	scalar	*Visual	NONE	<b>▲ MODER</b>	---	---

**Customer Id:** PERLEWNC  
**Sample No.:** PCA0099028  
**Lab Number:** 05889463  
**Test Package:** FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:  
 Sean Felton +1 919-379-4092  
[sfelton@wearcheckusa.com](mailto:sfelton@wearcheckusa.com)

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

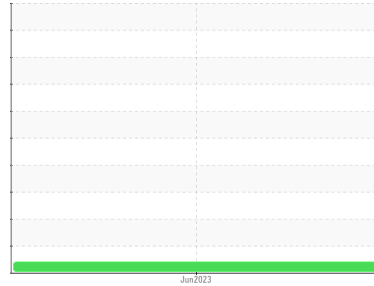
## RECOMMENDED ACTIONS

*There are no recommended actions for this sample.*

## HISTORICAL DIAGNOSIS

# OIL ANALYSIS REPORT

Sample Rating Trend



VIS DEBRIS



Machine Id  
**2026886**  
 Component  
**Front Differential**  
 Fluid  
**GEAR OIL SAE 75W90 (--- 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

Moderate concentration of visible dirt/debris present in the oil.

### Fluid Condition

The condition of the oil is acceptable for the time in service.

## SAMPLE INFORMATION

method	limit/base	current	history 1	history 2
Sample Number	Client Info	<b>PCA0099028</b>	---	---
Sample Date	Client Info	<b>29 Jun 2023</b>	---	---
Machine Age	mls	Client Info	<b>214231</b>	---
Oil Age	mls	Client Info	<b>214231</b>	---
Oil Changed	Client Info	<b>Not Chngd</b>	---	---
Sample Status		<b>ABNORMAL</b>	---	---

## WEAR METALS

method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185m >500	<b>126</b>	---
Chromium	ppm	ASTM D5185m >10	<b>1</b>	---
Nickel	ppm	ASTM D5185m >10	<b>4</b>	---
Titanium	ppm	ASTM D5185m	<b>0</b>	---
Silver	ppm	ASTM D5185m	<b>0</b>	---
Aluminum	ppm	ASTM D5185m >25	<b>&lt;1</b>	---
Lead	ppm	ASTM D5185m >25	<b>&lt;1</b>	---
Copper	ppm	ASTM D5185m >100	<b>22</b>	---
Tin	ppm	ASTM D5185m >10	<b>&lt;1</b>	---
Vanadium	ppm	ASTM D5185m	<b>0</b>	---
Cadmium	ppm	ASTM D5185m	<b>0</b>	---

## ADDITIVES

method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m 400	<b>287</b>	---
Barium	ppm	ASTM D5185m 200	<b>3</b>	---
Molybdenum	ppm	ASTM D5185m 12	<b>0</b>	---
Manganese	ppm	ASTM D5185m	<b>11</b>	---
Magnesium	ppm	ASTM D5185m 12	<b>0</b>	---
Calcium	ppm	ASTM D5185m 150	<b>11</b>	---
Phosphorus	ppm	ASTM D5185m 1650	<b>1414</b>	---
Zinc	ppm	ASTM D5185m 125	<b>5</b>	---
Sulfur	ppm	ASTM D5185m 22500	<b>28308</b>	---

## CONTAMINANTS

method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m >75	<b>22</b>	---
Sodium	ppm	ASTM D5185m	<b>7</b>	---
Potassium	ppm	ASTM D5185m >20	<b>2</b>	---

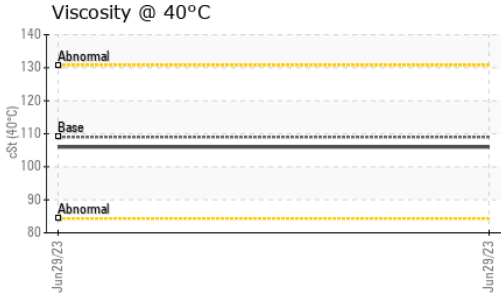
## VISUAL

method	limit/base	current	history 1	history 2
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>▲ MODER</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 >.2	<b>NEG</b>	---
Free Water	scalar	*Visual	<b>NEG</b>	---

## FLUID PROPERTIES

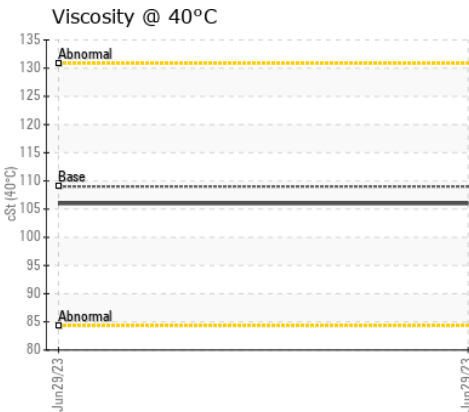
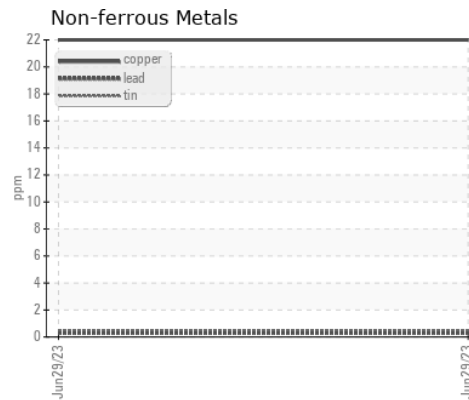
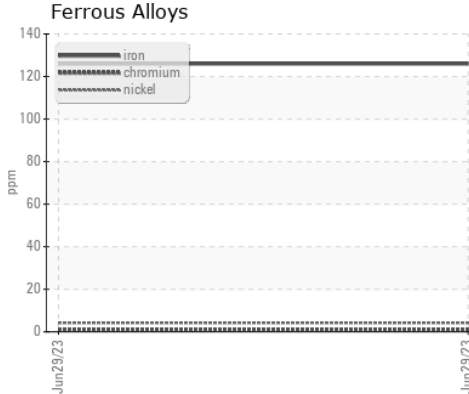
method	limit/base	current	history 1	history 2
Visc @ 40°C	cSt	ASTM D445 109	<b>106</b>	---

# OIL ANALYSIS REPORT



SAMPLE IMAGES	method	limit/base	current	history 1	history 2
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.** : PCA0099028 **Received** : 03 Jul 2023  
**Lab Number** : 05889463 **Diagnosed** : 06 Jul 2023  
**Unique Number** : 10539946 **Diagnostician** : Sean Felton  
**Test Package** : FLEET

**PERDUE FARMS - Lewiston**  
 210 GRIFFINS QUARTER RD  
 LEWISTON, NC  
 US 27849  
 Contact: NELSON WALLACE  
 nelson.wallace2@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: