



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**2227111**  
Component  
**Front Differential**  
Fluid  
**GEAR OIL SAE 75W90 (--- QTS)**

**RECOMMENDATION**

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

**WEAR**

All component wear rates are normal.

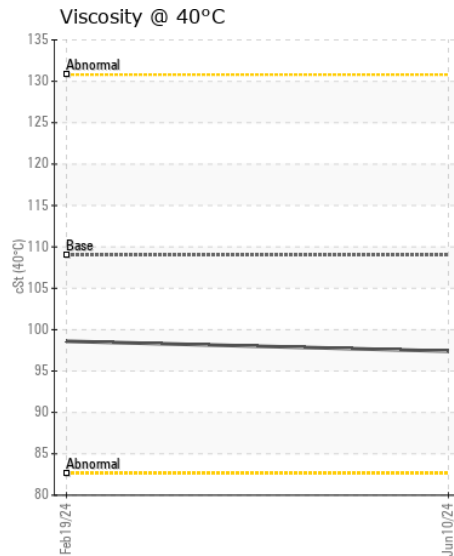
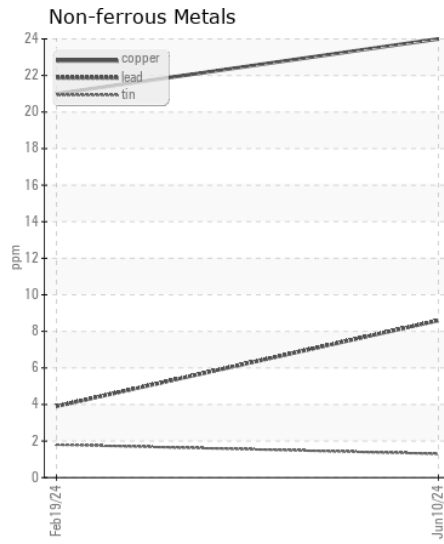
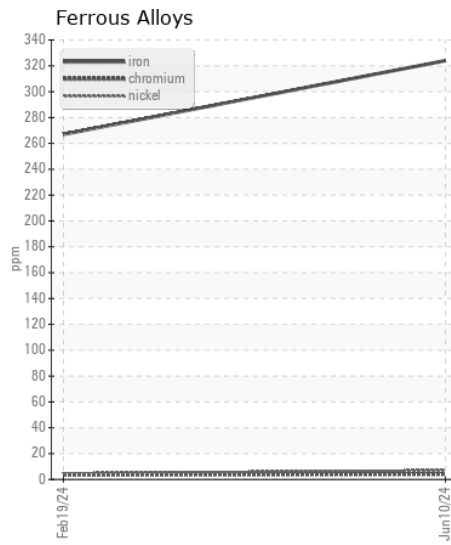
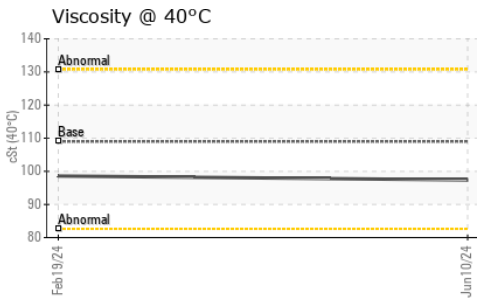
**CONTAMINATION**

There is no indication of any contamination in the oil.

**FLUID CONDITION**

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PCA0128343</b>	PCA0119545	---
Sample Date		Client Info		<b>10 Jun 2024</b>	19 Feb 2024	---
Machine Age	mls	Client Info		<b>41006</b>	0	---
Oil Age	mls	Client Info		<b>41006</b>	21063	---
Filter Age	mls	Client Info		<b>41006</b>	21063	---
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	---
Filter Changed		Client Info		<b>Not Changd</b>	Not Changd	---
Sample Status				<b>NORMAL</b>	ABNORMAL	---
Iron	ppm	ASTM D5185m	>500	<b>324</b>	267	---
Chromium	ppm	ASTM D5185m	>10	<b>4</b>	4	---
Nickel	ppm	ASTM D5185m	>10	<b>7</b>	5	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>25	<b>4</b>	4	---
Lead	ppm	ASTM D5185m	>25	<b>9</b>	4	---
Copper	ppm	ASTM D5185m	>100	<b>24</b>	21	---
Tin	ppm	ASTM D5185m	>10	<b>1</b>	2	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Silicon	ppm	ASTM D5185m	>75	<b>40</b>	41	---
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	<1	---
Water		WC Method	>.2	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	▲ MODER	---
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	>.2	<b>NEG</b>	NEG	---
Sodium	ppm	ASTM D5185m		<b>8</b>	7	---
Boron	ppm	ASTM D5185m	400	<b>143</b>	147	---
Barium	ppm	ASTM D5185m	200	<b>2</b>	0	---
Molybdenum	ppm	ASTM D5185m	12	<b>0</b>	0	---
Manganese	ppm	ASTM D5185m		<b>15</b>	14	---
Magnesium	ppm	ASTM D5185m	12	<b>1</b>	0	---
Calcium	ppm	ASTM D5185m	150	<b>8</b>	11	---
Phosphorus	ppm	ASTM D5185m	1650	<b>1150</b>	1088	---
Zinc	ppm	ASTM D5185m	125	<b>26</b>	4	---
Sulfur	ppm	ASTM D5185m	22500	<b>25371</b>	27833	---
Visc @ 40°C	cSt	ASTM D445	109	<b>97.4</b>	98.6	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0128343  
**Lab Number** : 06220154  
**Unique Number** : 11098351  
**Test Package** : FLEET

**Received** : 25 Jun 2024  
**Tested** : 26 Jun 2024  
**Diagnosed** : 26 Jun 2024 - Wes Davis

**PERDUE FARMS - GEORGETOWN**  
 20621 SAVANAH RD  
 GEORGETOWN, DE  
 US 19947  
 Contact: ROBERT LOCKWOOD  
 Robert.Lockwood@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: