



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

Machine Id  
**2026854**

Component  
**1 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**

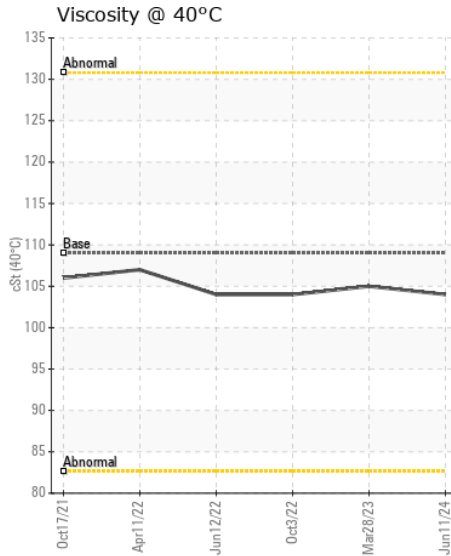
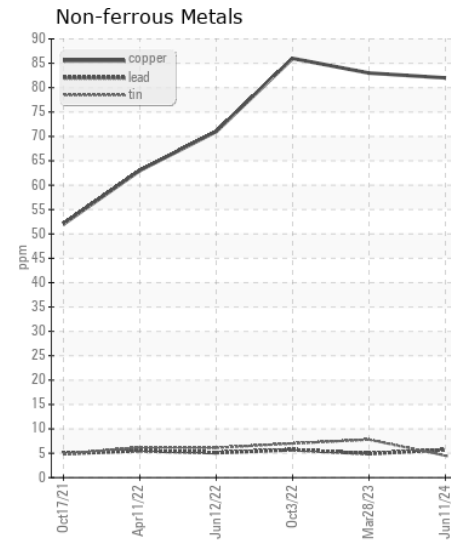
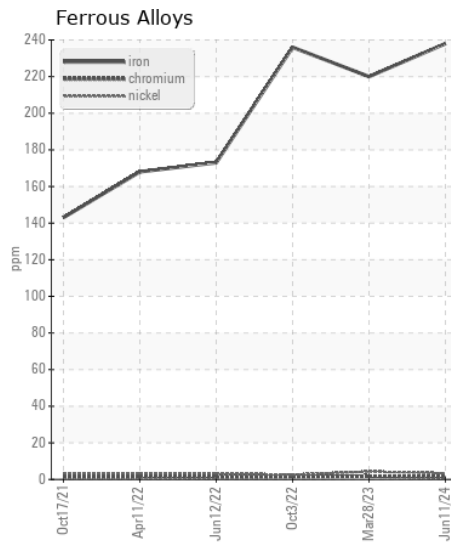
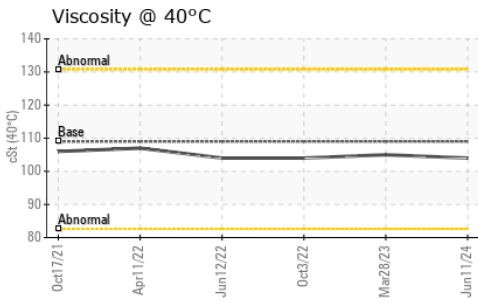
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PCA0128358</b>	PCA0093695	PCA0080600
Sample Date		Client Info		<b>11 Jun 2024</b>	28 Mar 2023	03 Oct 2022
Machine Age	mls	Client Info		<b>266251</b>	188129	149330
Oil Age	mls	Client Info		<b>266251</b>	188129	149330
Filter Age	mls	Client Info		<b>266251</b>	188129	149330
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

Iron	ppm	ASTM D5185m	>500	<b>238</b>	220	236
Chromium	ppm	ASTM D5185m	>10	<b>1</b>	2	2
Nickel	ppm	ASTM D5185m	>10	<b>3</b>	4	2
Titanium	ppm	ASTM D5185m		<b>0</b>	0	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>2</b>	2	2
Lead	ppm	ASTM D5185m	>25	<b>6</b>	5	6
Copper	ppm	ASTM D5185m	>100	<b>82</b>	83	86
Tin	ppm	ASTM D5185m	>10	<b>4</b>	8	7
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	MODER	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

Silicon	ppm	ASTM D5185m	>75	<b>46</b>	35	35
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	3	0
Water		WC Method	>.2	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>.2	<b>NEG</b>	NEG	NEG

Sodium	ppm	ASTM D5185m		<b>9</b>	9	9
Boron	ppm	ASTM D5185m	400	<b>222</b>	265	318
Barium	ppm	ASTM D5185m	200	<b>1</b>	<1	1
Molybdenum	ppm	ASTM D5185m	12	<b>0</b>	<1	0
Manganese	ppm	ASTM D5185m		<b>13</b>	14	13
Magnesium	ppm	ASTM D5185m	12	<b>&lt;1</b>	2	0
Calcium	ppm	ASTM D5185m	150	<b>11</b>	10	0
Phosphorus	ppm	ASTM D5185m	1650	<b>1358</b>	1338	1345
Zinc	ppm	ASTM D5185m	125	<b>13</b>	11	16
Sulfur	ppm	ASTM D5185m	22500	<b>26981</b>	26662	26695
Visc @ 40°C	cSt	ASTM D445	109	<b>104</b>	105	104



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0128358  
**Lab Number** : 06220166  
**Unique Number** : 11098363  
**Test Package** : FLEET

**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)

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F: