



WEAR	ABNORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
7591
Component
Front Differential
Fluid
GEAR OIL SAE 75W90 (--- GAL)

RECOMMENDATION

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PCA06083959	---	---
Sample Date		Client Info		31 Jan 2024	---	---
Machine Age	mls	Client Info		766195	---	---
Oil Age	mls	Client Info		0	---	---
Filter Age	mls	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				ABNORMAL	---	---

WEAR

Gear wear is indicated. All other component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	▲ 572	---	---
Chromium	ppm	ASTM D5185m	>10	5	---	---
Nickel	ppm	ASTM D5185m	>10	2	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>25	5	---	---
Lead	ppm	ASTM D5185m	>25	<1	---	---
Copper	ppm	ASTM D5185m	>100	23	---	---
Tin	ppm	ASTM D5185m	>10	1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

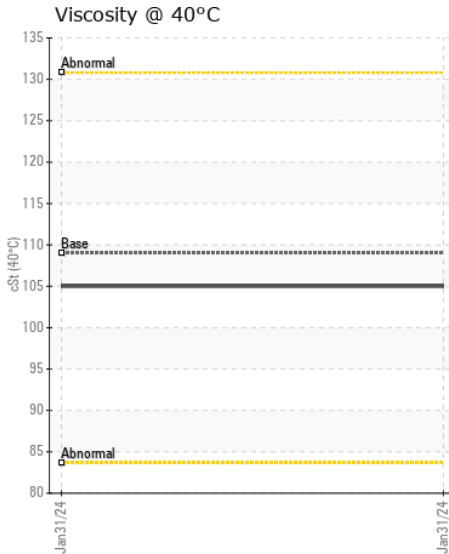
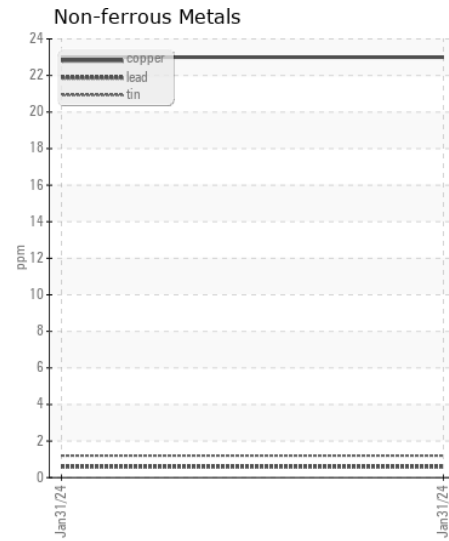
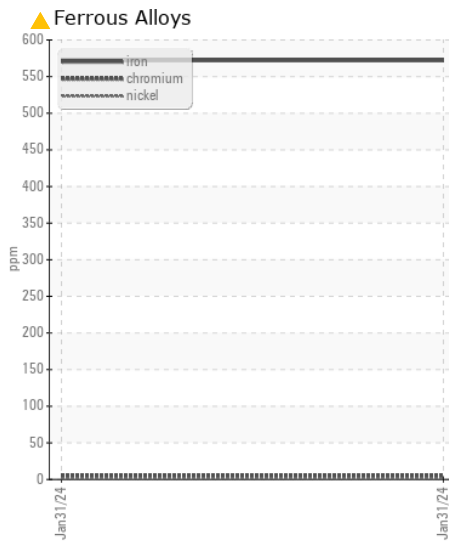
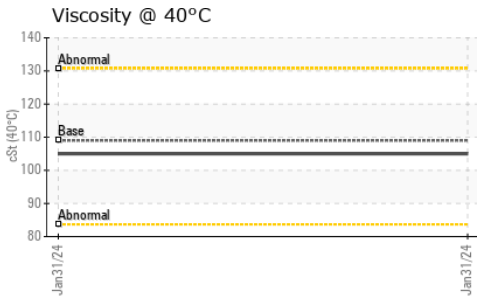
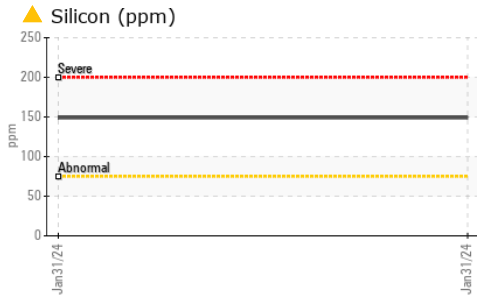
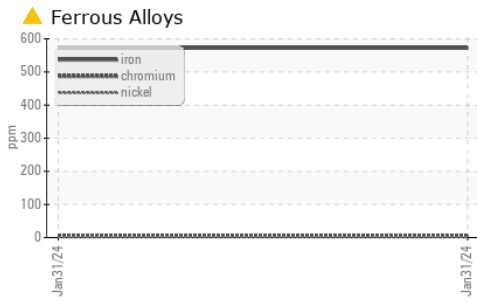
Elemental level of silicon (Si) above normal.

Silicon	ppm	ASTM D5185m	>75	▲ 149	---	---
Potassium	ppm	ASTM D5185m	>20	<1	---	---
Water		WC Method	>.2	NEG	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>.2	NEG	---	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		8	---	---
Boron	ppm	ASTM D5185m	400	207	---	---
Barium	ppm	ASTM D5185m	200	<1	---	---
Molybdenum	ppm	ASTM D5185m	12	0	---	---
Manganese	ppm	ASTM D5185m		12	---	---
Magnesium	ppm	ASTM D5185m	12	13	---	---
Calcium	ppm	ASTM D5185m	150	30	---	---
Phosphorus	ppm	ASTM D5185m	1650	1468	---	---
Zinc	ppm	ASTM D5185m	125	26	---	---
Sulfur	ppm	ASTM D5185m	22500	22615	---	---
Visc @ 40°C	cSt	ASTM D445	109	105	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA06083959
Lab Number : 06083959
Unique Number : 10871404
Test Package : FLEET
Received : 08 Feb 2024
Tested : 09 Feb 2024
Diagnosed : 11 Feb 2024 - Don Baldrige

PERDUE FARMS INC - GARAGE
 189 PERDUE WAY
 CANDOR, NC
 US 27229
 Contact: Service Manager

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: