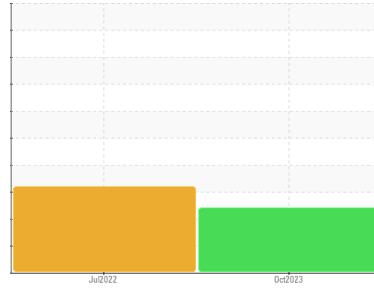


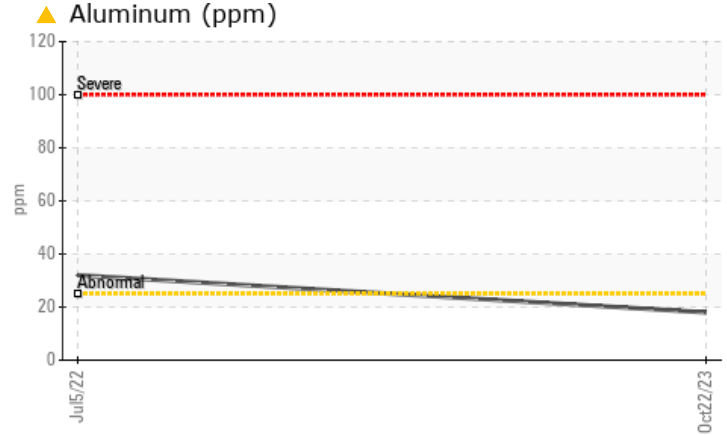
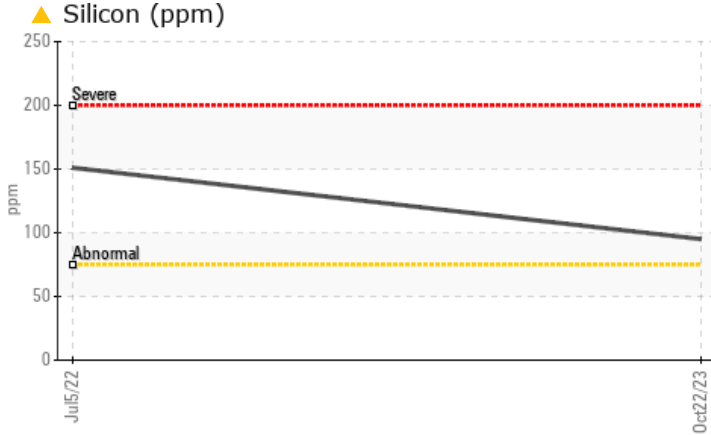
PROBLEM SUMMARY

Area
FLEET
 Machine Id
7941 (S/N 000000000000000000)
 Component
Rear Differential
 Fluid
NOT GIVEN (--- GAL)

Sample Rating Trend



COMPONENT CONDITION SUMMARY



RECOMMENDATION

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

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	ABNORMAL	---
Aluminum	ppm	ASTM D5185m	>25	▲ 18	▲ 32	---
Silicon	ppm	ASTM D5185m	>75	▲ 95	▲ 151	---

Customer Id: PERDILSC
 Sample No.: PCA0108149
 Lab Number: 06001921
 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Jonathan Hester +1 919-379-4092 x4092
jhester@wearcheckusa.com

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

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Check Dirt Access	---	---	?	We advise that you check all areas where dirt can enter the system.

HISTORICAL DIAGNOSIS

05 Jul 2022 Diag: Jonathan Hester

DIRT



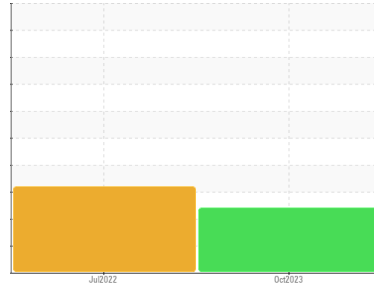
We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.

view report



OIL ANALYSIS REPORT

Sample Rating Trend



Area
FLEET
 Machine Id
7941 (S/N 0000000000000000)
 Component
Rear Differential
 Fluid
NOT GIVEN (--- GAL)

DIAGNOSIS

- Recommendation**
We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor.
- Wear**
All component wear rates are normal.
- Contamination**
Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.
- Fluid Condition**
The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PCA0108149	PCA0077093	---
Sample Date	Client Info		22 Oct 2023	05 Jul 2022	---
Machine Age	hrs	Client Info	0	0	---
Oil Age	hrs	Client Info	0	0	---
Oil Changed	Client Info		N/A	N/A	---
Sample Status			ABNORMAL	ABNORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	345	▲ 607	---
Chromium	ppm	ASTM D5185m >10	3	6	---
Nickel	ppm	ASTM D5185m >10	0	<1	---
Titanium	ppm	ASTM D5185m	<1	1	---
Silver	ppm	ASTM D5185m	0	<1	---
Aluminum	ppm	ASTM D5185m >25	▲ 18	▲ 32	---
Lead	ppm	ASTM D5185m >25	0	0	---
Copper	ppm	ASTM D5185m >100	<1	4	---
Tin	ppm	ASTM D5185m >10	0	<1	---
Vanadium	ppm	ASTM D5185m	0	0	---
Cadmium	ppm	ASTM D5185m	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	58	108	---
Barium	ppm	ASTM D5185m	<1	12	---
Molybdenum	ppm	ASTM D5185m	2	<1	---
Manganese	ppm	ASTM D5185m	4	12	---
Magnesium	ppm	ASTM D5185m	4	8	---
Calcium	ppm	ASTM D5185m	633	24	---
Phosphorus	ppm	ASTM D5185m	692	1377	---
Zinc	ppm	ASTM D5185m	7	53	---
Sulfur	ppm	ASTM D5185m	6578	25703	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	▲ 95	▲ 151	---
Sodium	ppm	ASTM D5185m	4	11	---
Potassium	ppm	ASTM D5185m >20	4	11	---

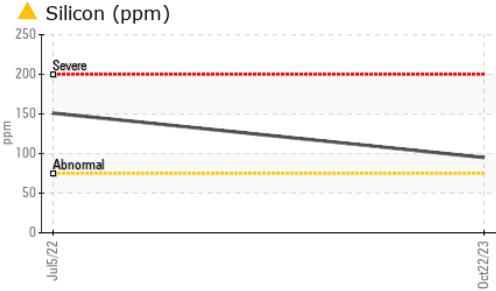
VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual NONE	NONE	NONE	---
Precipitate	scalar	*Visual NONE	NONE	NONE	---
Silt	scalar	*Visual NONE	NONE	NONE	---
Debris	scalar	*Visual NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	---
Appearance	scalar	*Visual NORML	NORML	NORML	---
Odor	scalar	*Visual NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual >.2	NEG	NEG	---
Free Water	scalar	*Visual	NEG	NEG	---

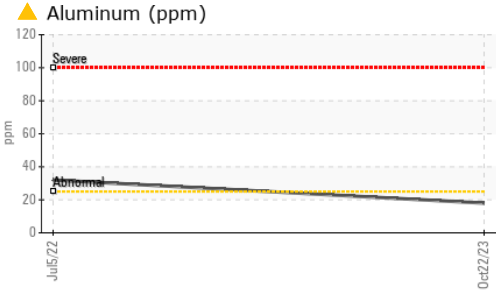
FLUID PROPERTIES

	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	57.3	78.55	---

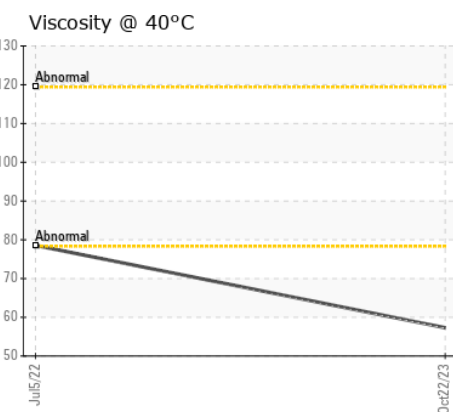
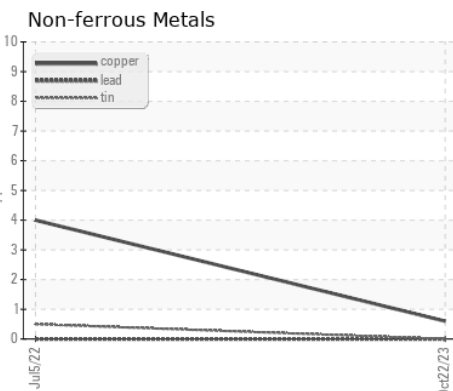
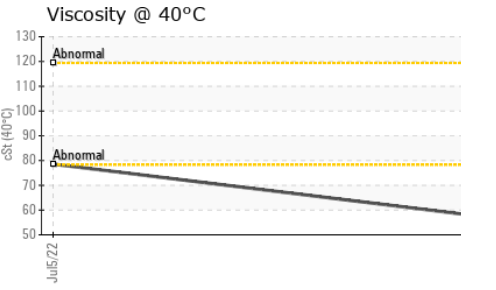
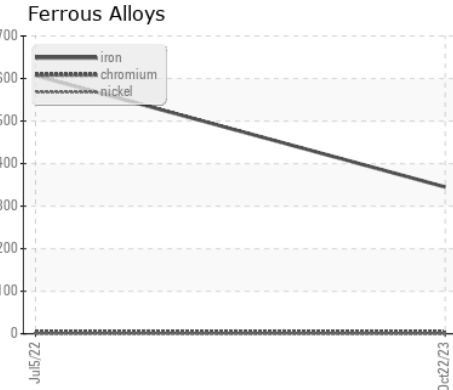
OIL ANALYSIS REPORT



SAMPLE IMAGES	method	limit/base	current	history1	history2
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. : PCA0108149 **Received** : 08 Nov 2023
Lab Number : 06001921 **Diagnosed** : 10 Nov 2023
Unique Number : 10735683 **Diagnostician** : Jonathan Hester
Test Package : FLEET

PERDUE FARMS - DILLON
 2047 HWY 9 WEST
 DILLON, SC
 US 29536
 Contact: RICHARD EVANS
 richard.evans@perdue.com
 T:
 F: (843)841-8070

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)