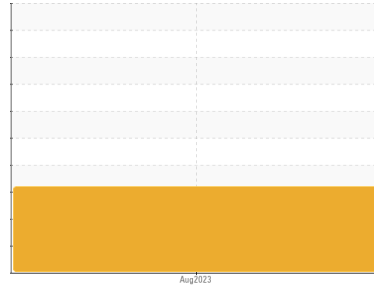


PROBLEM SUMMARY

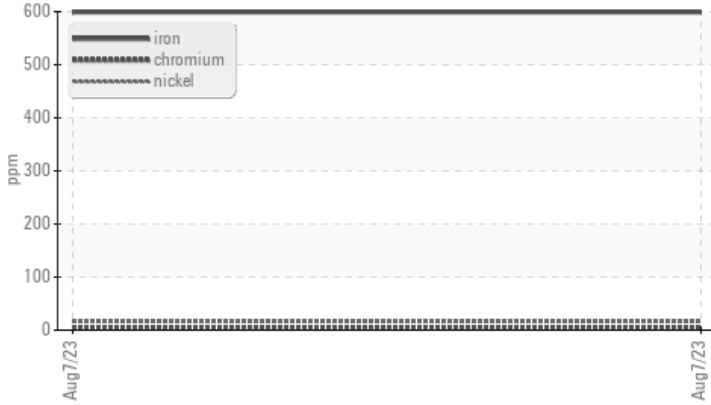
Sample Rating Trend



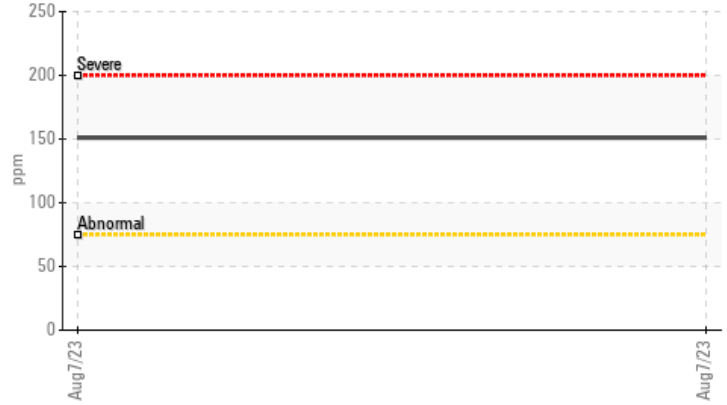
Machine Id
26409
 Component
Rear Differential
 Fluid
GEAR OIL SAE 75W90 (--- GAL)

COMPONENT CONDITION SUMMARY

▲ Ferrous Alloys



▲ Silicon (ppm)



RECOMMENDATION

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

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
Iron	ppm	ASTM D5185m	>500	▲ 599	---	---
Nickel	ppm	ASTM D5185m	>10	▲ 16	---	---
Silicon	ppm	ASTM D5185m	>75	▲ 151	---	---

Customer Id: PERDILSC
 Sample No.: PCA0102784
 Lab Number: 05923727
 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Don Baldrige +1
don.b505@comcast.net

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

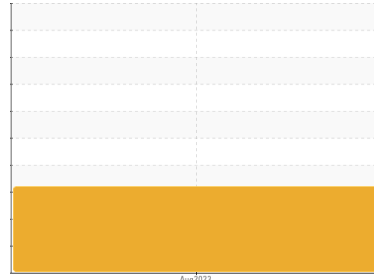
RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

OIL ANALYSIS REPORT

Sample Rating Trend



DIRT



Machine Id
26409
 Component
Rear Differential
 Fluid
GEAR OIL SAE 75W90 (--- GAL)

DIAGNOSIS

- ▲ Recommendation**
 No corrective action is recommended at this time. Resample at the next service interval to monitor.
- ▲ Wear**
 Gear wear is indicated.
- ▲ Contamination**
 Elemental level of silicon (Si) above normal.
- 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	PCA0102784	---	---
Sample Date	Client Info	07 Aug 2023	---	---
Machine Age	hrs Client Info	707248	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>500	▲ 599	---	---
Chromium ppm ASTM D5185m	>10	5	---	---
Nickel ppm ASTM D5185m	>10	▲ 16	---	---
Titanium ppm ASTM D5185m		<1	---	---
Silver ppm ASTM D5185m		0	---	---
Aluminum ppm ASTM D5185m	>25	6	---	---
Lead ppm ASTM D5185m	>25	0	---	---
Copper ppm ASTM D5185m	>100	5	---	---
Tin ppm ASTM D5185m	>10	<1	---	---
Vanadium ppm ASTM D5185m		0	---	---
Cadmium ppm ASTM D5185m		0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m	400	91	---	---
Barium ppm ASTM D5185m	200	2	---	---
Molybdenum ppm ASTM D5185m	12	<1	---	---
Manganese ppm ASTM D5185m		21	---	---
Magnesium ppm ASTM D5185m	12	<1	---	---
Calcium ppm ASTM D5185m	150	11	---	---
Phosphorus ppm ASTM D5185m	1650	1337	---	---
Zinc ppm ASTM D5185m	125	39	---	---
Sulfur ppm ASTM D5185m	22500	26573	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>75	▲ 151	---	---
Sodium ppm ASTM D5185m		9	---	---
Potassium ppm ASTM D5185m	>20	8	---	---

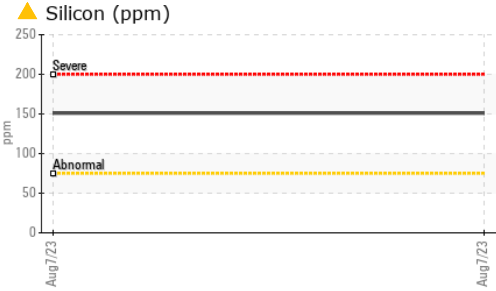
VISUAL

method	limit/base	current	history1	history2
White Metal scalar *Visual	NONE	NONE	---	---
Yellow Metal scalar *Visual	NONE	NONE	---	---
Precipitate scalar *Visual	NONE	NONE	---	---
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	---	---
Free Water scalar *Visual		NEG	---	---

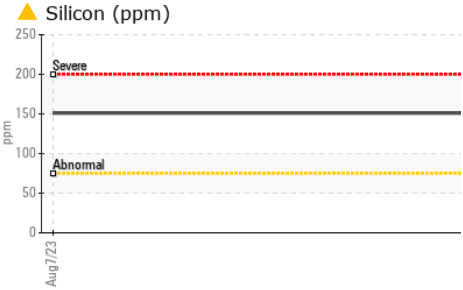
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C cSt ASTM D445	109	102	---	---

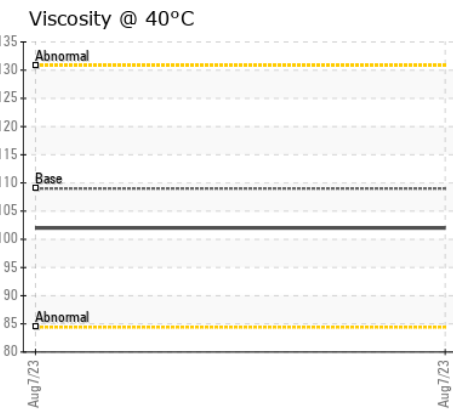
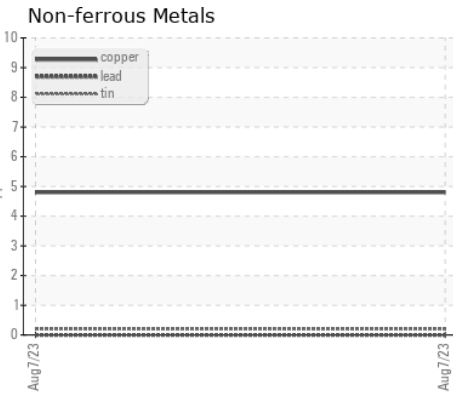
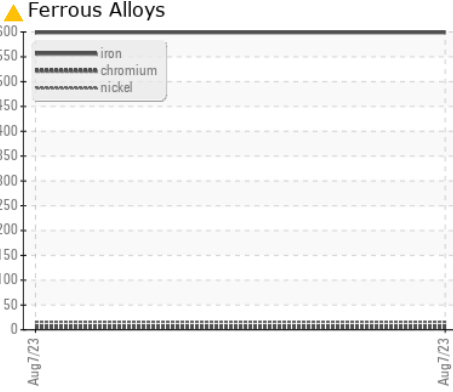
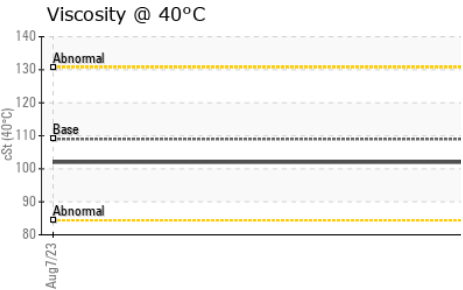
OIL ANALYSIS REPORT



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. : PCA0102784 **Received** : 14 Aug 2023
Lab Number : **05923727** **Diagnosed** : 15 Aug 2023
Unique Number : 10603674 **Diagnostician** : Don Baldrige
Test Package : FLEET

PERDUE FARMS - DILLON
 2047 HWY 9 WEST
 DILLON, SC
 US 29536
 Contact: KEVIN HOOKS
 kevin.hooks@perdue.com
 T: (843)841-8069
 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)