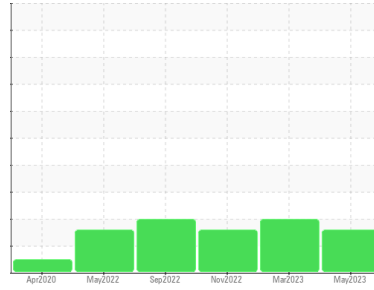


PROBLEM SUMMARY

Sample Rating Trend



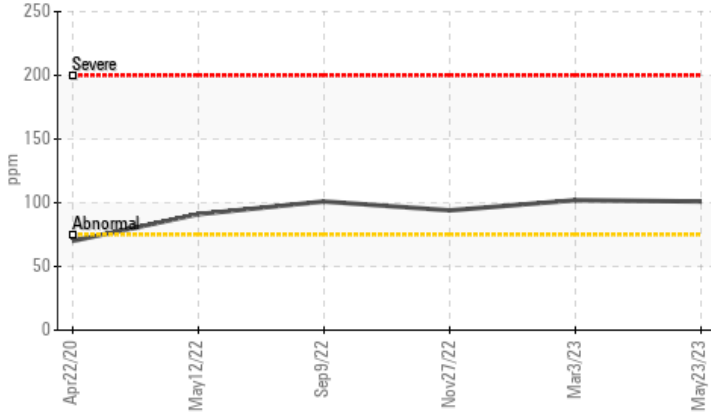
DIRT



Machine Id
26641
Component
Front Differential
Fluid
GEAR OIL SAE 75W90 (--- QTS)

COMPONENT CONDITION SUMMARY

▲ 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	ABNORMAL	ABNORMAL
Silicon	ppm	ASTM D5185m	>75	▲ 101	▲ 102	▲ 94

Customer Id: PERGEODE
Sample No.: PCA0099477
Lab Number: 06031014
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

03 Mar 2023 Diag: Don Baldrige

DIRT



No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. Elemental level of silicon (Si) above normal indicating ingress of seal material. The condition of the oil is acceptable for the time in service.

view report



27 Nov 2022 Diag: Don Baldrige

DIRT



No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal. The condition of the oil is acceptable for the time in service.

view report



09 Sep 2022 Diag: Angela Borella

DIRT



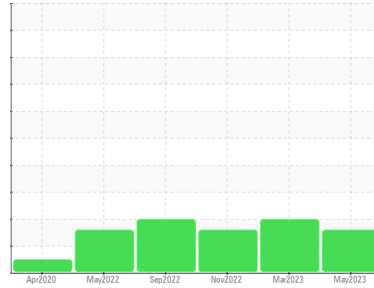
No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. Elemental level of silicon (Si) above normal indicating ingress of seal material. The condition of the oil is acceptable for the time in service.

view report



OIL ANALYSIS REPORT

Sample Rating Trend



DIRT



Machine Id
26641
 Component
Front Differential
 Fluid
GEAR OIL SAE 75W90 (--- QTS)

DIAGNOSIS

Recommendation

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

Wear

All component wear rates are normal.

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		PCA0099477	PCA0094441	PCA0087570
Sample Date	Client Info		23 May 2023	03 Mar 2023	27 Nov 2022
Machine Age	mls	Client Info	382684	0	339824
Oil Age	mls	Client Info	382684	0	339824
Oil Changed	Client Info		N/A	N/A	Not Changd
Sample Status			ABNORMAL	ABNORMAL	ABNORMAL

CONTAMINATION	method	limit/base	current	history1	history2
Water	WC Method	>.2	NEG	NEG	NEG

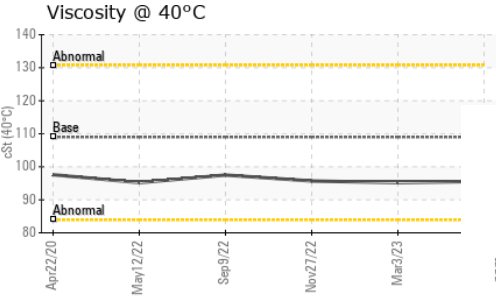
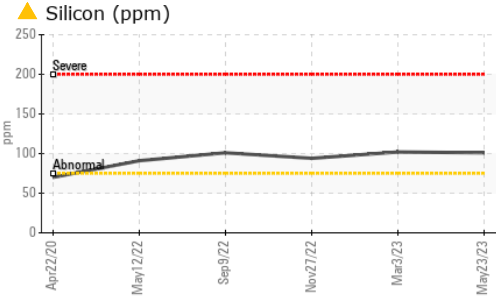
WEAR METALS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	284	289	260
Chromium	ppm	ASTM D5185m >10	2	2	2
Nickel	ppm	ASTM D5185m >10	4	5	5
Titanium	ppm	ASTM D5185m	<1	<1	<1
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	2	4	2
Lead	ppm	ASTM D5185m >25	49	49	40
Copper	ppm	ASTM D5185m >100	60	68	64
Tin	ppm	ASTM D5185m >10	6	6	6
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 400	423	407	398
Barium	ppm	ASTM D5185m 200	<1	0	0
Molybdenum	ppm	ASTM D5185m 12	0	<1	<1
Manganese	ppm	ASTM D5185m	11	11	10
Magnesium	ppm	ASTM D5185m 12	2	3	2
Calcium	ppm	ASTM D5185m 150	31	34	35
Phosphorus	ppm	ASTM D5185m 1650	1235	1222	1199
Zinc	ppm	ASTM D5185m 125	29	31	6
Sulfur	ppm	ASTM D5185m 22500	21442	21726	23376

CONTAMINANTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	▲ 101	▲ 102	▲ 94
Sodium	ppm	ASTM D5185m	12	10	12
Potassium	ppm	ASTM D5185m >20	287	311	280

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

OIL ANALYSIS REPORT

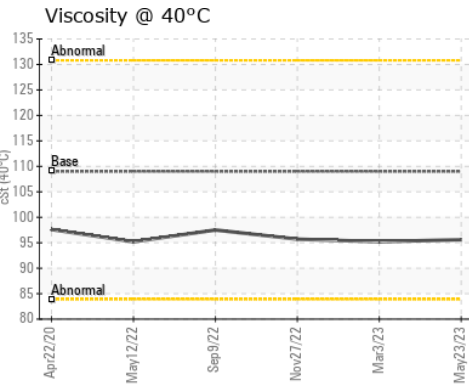
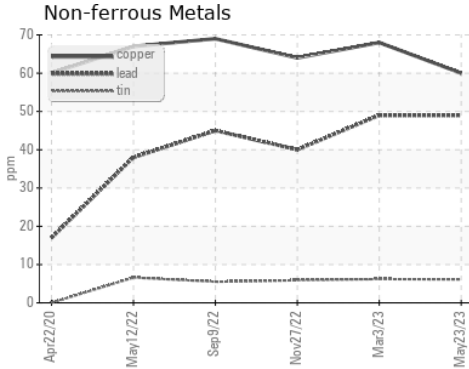
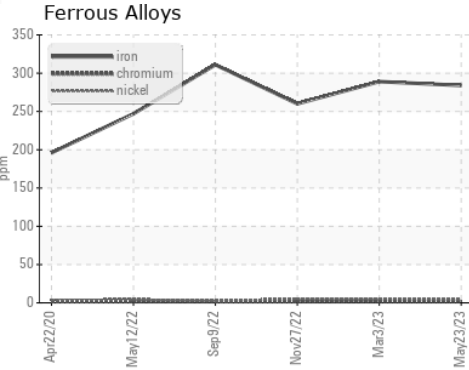


FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	109	95.2	95.7

SAMPLE IMAGES	method	limit/base	current	history1	history2
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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. : PCA0099477
Lab Number : 06031014
Unique Number : 10780805
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)

T:
F: