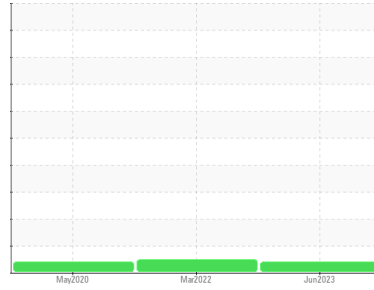


PROBLEM SUMMARY

Sample Rating Trend



VIS DEBRIS



Machine Id
1926751
 Component
Rear Differential
 Fluid
GEAR OIL SAE 75W90 (--- QTS)

COMPONENT CONDITION SUMMARY

No relevant graphs to display

RECOMMENDATION

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

PROBLEMATIC TEST RESULTS

Sample Status		ABNORMAL	NORMAL	ABNORMAL
Debris	scalar *Visual	▲ MODER	NONE	▲ HEAVY

Customer Id: PERGEODE
Sample No.: PCA0099928
Lab Number: 05931111
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

08 Mar 2022 Diag: Doug Bogart

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

view report



24 May 2020 Diag: Don Baldrige

VIS DEBRIS



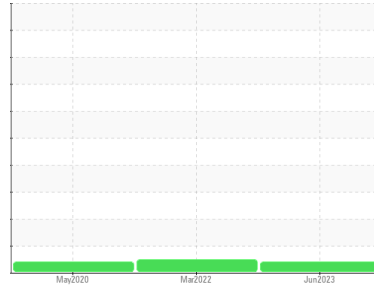
The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. High concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

view report



OIL ANALYSIS REPORT

Sample Rating Trend



VIS DEBRIS



Machine Id
1926751
 Component
Rear 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

Moderate concentration of visible dirt/debris present in the oil.

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		PCA0099928	PCA0069189	PCA0024241
Sample Date	Client Info		07 Jun 2023	08 Mar 2022	24 May 2020
Machine Age	mls	Client Info	317361	189132	18806
Oil Age	mls	Client Info	317361	189132	18806
Oil Changed	Client Info		Not Chngd	Not Chngd	Changed
Sample Status			ABNORMAL	NORMAL	ABNORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	233	145	71
Chromium	ppm	ASTM D5185m >10	2	1	<1
Nickel	ppm	ASTM D5185m >10	9	6	3
Titanium	ppm	ASTM D5185m	0	0	<1
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	1	2	2
Lead	ppm	ASTM D5185m >25	0	0	0
Copper	ppm	ASTM D5185m >100	1	<1	1
Tin	ppm	ASTM D5185m >10	0	<1	0
Antimony	ppm	ASTM D5185m >5	---	---	0
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	<1

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 400	294	263	286
Barium	ppm	ASTM D5185m 200	0	0	3
Molybdenum	ppm	ASTM D5185m 12	<1	<1	<1
Manganese	ppm	ASTM D5185m	7	5	6
Magnesium	ppm	ASTM D5185m 12	0	0	<1
Calcium	ppm	ASTM D5185m 150	1	3	6
Phosphorus	ppm	ASTM D5185m 1650	1464	1514	1303
Zinc	ppm	ASTM D5185m 125	8	3	15
Sulfur	ppm	ASTM D5185m 22500	27505	21697	21905

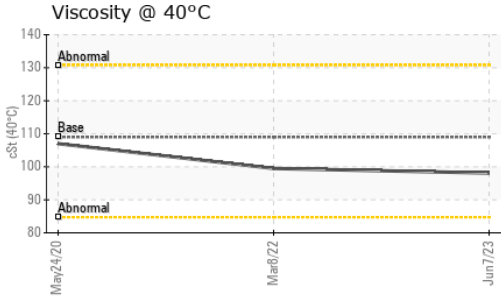
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	31	16	14
Sodium	ppm	ASTM D5185m	3	2	6
Potassium	ppm	ASTM D5185m >20	<1	0	0

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	MODER
Debris	scalar	*Visual NONE	▲ MODER	NONE	▲ HEAVY
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

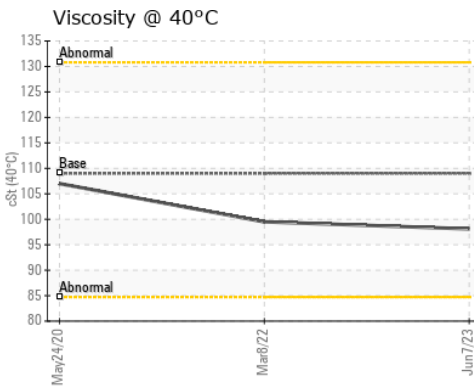
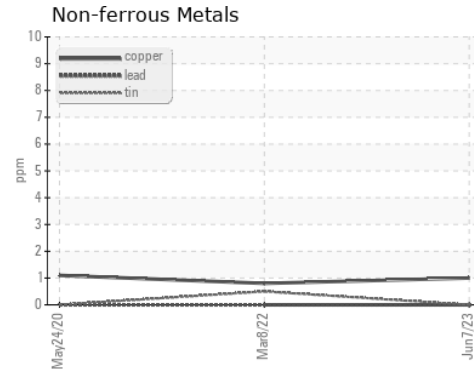
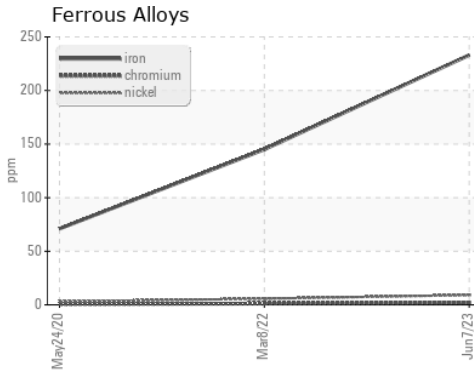


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	109	98.1	99.5	107

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. : PCA0099928 **Received** : 22 Aug 2023
Lab Number : **05931111** **Diagnosed** : 23 Aug 2023
Unique Number : 10616382 **Diagnostician** : Don Baldrige
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: