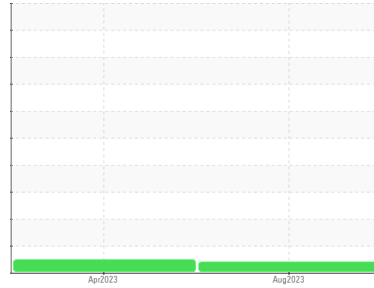


OIL ANALYSIS REPORT

Sample Rating Trend



VIS DEBRIS



Machine Id
2227004
 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

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			PCA0100536	PCA0095534	---
Sample Date	Client Info			30 Aug 2023	28 Apr 2023	---
Machine Age	mls	Client Info		35642	17522	---
Oil Age	mls	Client Info		35642	0	---
Oil Changed	Client Info			Not Chngd	Not Chngd	---
Sample Status				ABNORMAL	NORMAL	---

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

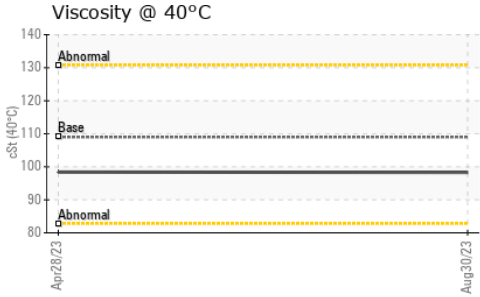
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	147	94	---
Chromium	ppm	ASTM D5185m	>10	2	1	---
Nickel	ppm	ASTM D5185m	>10	2	2	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	2	<1	---
Lead	ppm	ASTM D5185m	>25	8	0	---
Copper	ppm	ASTM D5185m	>100	23	<1	---
Tin	ppm	ASTM D5185m	>10	2	<1	---
Vanadium	ppm	ASTM D5185m		<1	0	---
Cadmium	ppm	ASTM D5185m		0	0	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	400	194	188	---
Barium	ppm	ASTM D5185m	200	7	0	---
Molybdenum	ppm	ASTM D5185m	12	3	3	---
Manganese	ppm	ASTM D5185m		14	16	---
Magnesium	ppm	ASTM D5185m	12	13	10	---
Calcium	ppm	ASTM D5185m	150	65	61	---
Phosphorus	ppm	ASTM D5185m	1650	1225	1153	---
Zinc	ppm	ASTM D5185m	125	44	40	---
Sulfur	ppm	ASTM D5185m	22500	28295	27575	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	48	47	---
Sodium	ppm	ASTM D5185m		9	6	---
Potassium	ppm	ASTM D5185m	>20	5	5	---

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	▲ MODER	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	---

OIL ANALYSIS REPORT



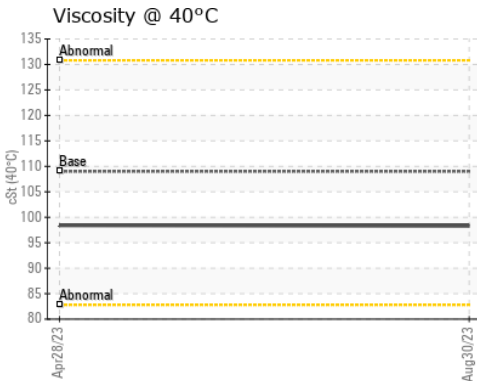
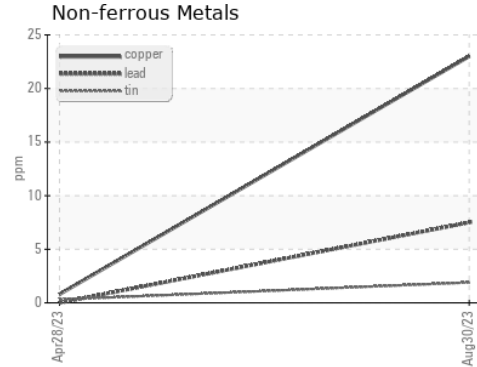
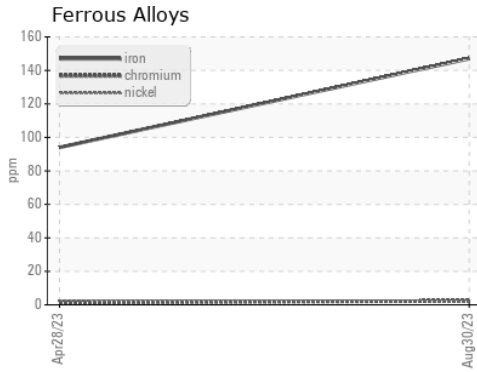
FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt ASTM D445	109	98.3	98.4	---

SAMPLE IMAGES

method	limit/base	current	history1	history2	
Color			no image	no image	no image
Bottom			no image	no image	no image

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0100536 **Received** : 09 May 2024
Lab Number : **06174477** **Tested** : 10 May 2024
Unique Number : 11020530 **Diagnosed** : 13 May 2024 - Don Baldrige
Test Package : FLEET

PERDUE FARMS - BRIDGEVILLE
 8634 E NEWTON RD
 BRIDGEVILLE, DE
 US 19933
 Contact: GEORGE LACATES

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: