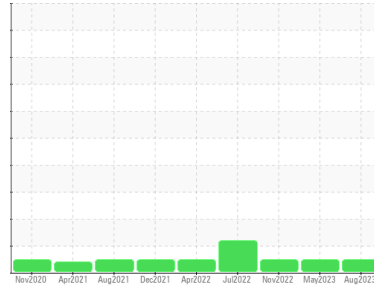


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
2026858
 Component
1 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

The water content is negligible. There is no indication of any contamination 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		PCA0101090	PCA0095544	PCA0082471
Sample Date	Client Info		31 Aug 2023	09 May 2023	04 Nov 2022
Machine Age	mls	Client Info	0	185618	148904
Oil Age	mls	Client Info	0	185618	0
Oil Changed	Client Info		Not Changed	Not Changed	Not Changed
Sample Status			NORMAL	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	238	220	216
Chromium	ppm	ASTM D5185m >10	2	2	2
Nickel	ppm	ASTM D5185m >10	4	4	3
Titanium	ppm	ASTM D5185m	0	0	0
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	2	2	2
Lead	ppm	ASTM D5185m >25	1	1	1
Copper	ppm	ASTM D5185m >100	28	25	26
Tin	ppm	ASTM D5185m >10	<1	1	1
Vanadium	ppm	ASTM D5185m	<1	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 400	202	244	276
Barium	ppm	ASTM D5185m 200	0	<1	0
Molybdenum	ppm	ASTM D5185m 12	0	<1	0
Manganese	ppm	ASTM D5185m	11	11	10
Magnesium	ppm	ASTM D5185m 12	0	2	0
Calcium	ppm	ASTM D5185m 150	0	7	6
Phosphorus	ppm	ASTM D5185m 1650	1349	1413	1298
Zinc	ppm	ASTM D5185m 125	0	10	4
Sulfur	ppm	ASTM D5185m 22500	23410	28586	25056

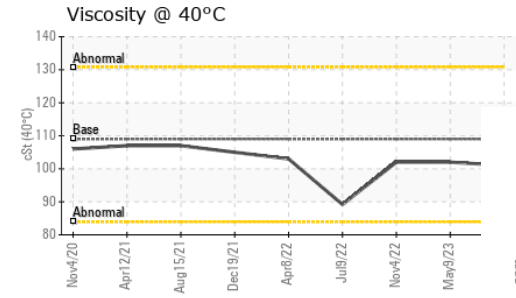
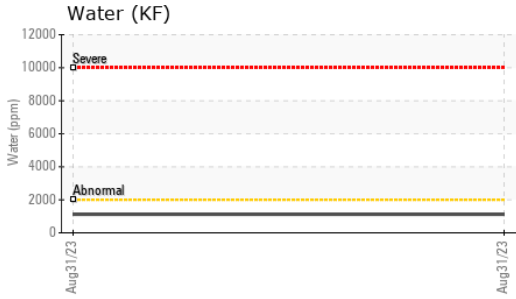
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	49	28	26
Sodium	ppm	ASTM D5185m	7	7	7
Potassium	ppm	ASTM D5185m >20	0	2	0
Water	%	ASTM D6304 >.2	0.112	---	---
ppm Water	ppm	ASTM D6304 >2000	1120	---	---

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	LIGHT	NONE	NONE
Debris	scalar	*Visual NONE	NONE	NONE	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	0.2%	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG

OIL ANALYSIS REPORT



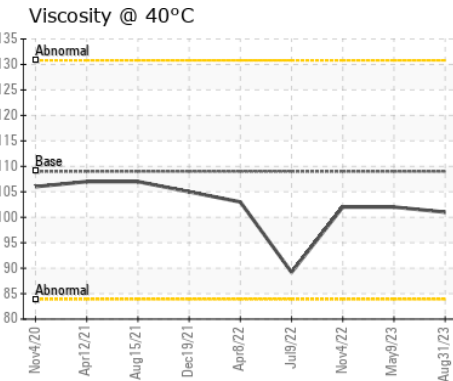
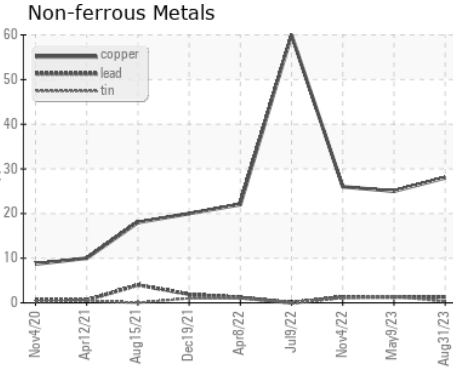
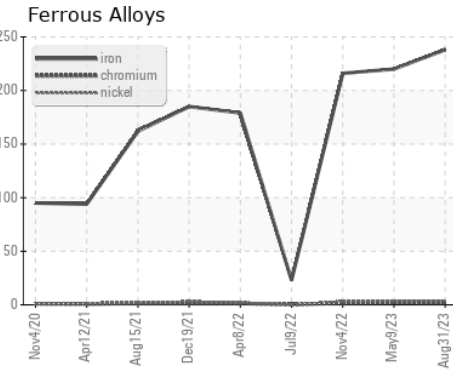
FLUID PROPERTIES

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

SAMPLE IMAGES

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0101090 **Received** : 11 Dec 2023
Lab Number : 06031969 **Diagnosed** : 14 Dec 2023
Unique Number : 10781760 **Diagnostician** : Sean Felton
Test Package : FLEET (Additional Tests: KF)

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: