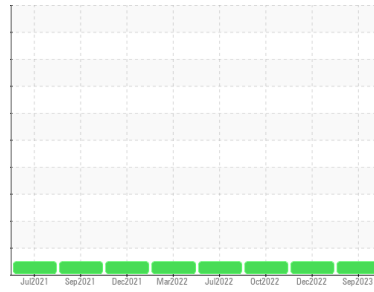


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
2126906
 Component
Rear Differential
 Fluid
GEAR OIL SAE 75W90 (--- QTS)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

All component wear rates are normal.

Contamination

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		PCA0105551	PCA0085292	PCA0081175
Sample Date	Client Info		01 Sep 2023	22 Dec 2022	11 Oct 2022
Machine Age	mls	Client Info	227516	157436	142940
Oil Age	mls	Client Info	227516	157436	142940
Oil Changed	Client Info		N/A	Not Changd	Not Changd
Sample Status			NORMAL	NORMAL	NORMAL

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	202	182	183
Chromium	ppm	ASTM D5185m >10	2	2	2
Nickel	ppm	ASTM D5185m >10	6	6	5
Titanium	ppm	ASTM D5185m	<1	<1	<1
Silver	ppm	ASTM D5185m	0	0	<1
Aluminum	ppm	ASTM D5185m >25	2	3	2
Lead	ppm	ASTM D5185m >25	<1	0	0
Copper	ppm	ASTM D5185m >100	3	1	1
Tin	ppm	ASTM D5185m >10	<1	<1	<1
Vanadium	ppm	ASTM D5185m	<1	<1	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 400	230	193	202
Barium	ppm	ASTM D5185m 200	<1	0	0
Molybdenum	ppm	ASTM D5185m 12	<1	1	<1
Manganese	ppm	ASTM D5185m	13	12	12
Magnesium	ppm	ASTM D5185m 12	7	8	5
Calcium	ppm	ASTM D5185m 150	25	25	21
Phosphorus	ppm	ASTM D5185m 1650	1275	1109	1089
Zinc	ppm	ASTM D5185m 125	33	31	17
Sulfur	ppm	ASTM D5185m 22500	27214	23344	25056

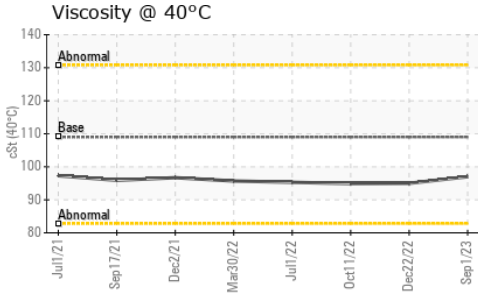
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	37	31	31
Sodium	ppm	ASTM D5185m	8	8	8
Potassium	ppm	ASTM D5185m >20	4	3	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	NONE
Debris	scalar	*Visual NONE	LIGHT	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	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG

OIL ANALYSIS REPORT



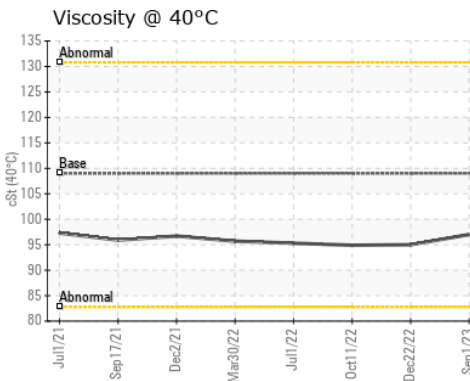
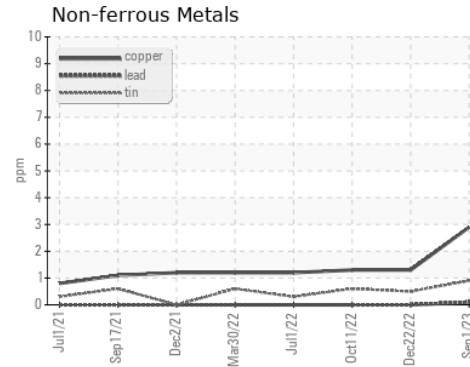
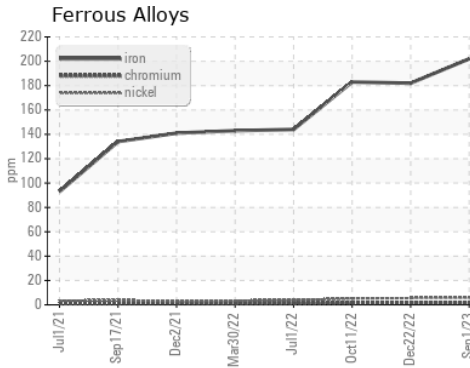
FLUID PROPERTIES	method	limit/base	current	history1	history2
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Visc @ 40°C	cSt	ASTM D445	109	97.0	95.0	94.9
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SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color				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. : PCA0105551 **Received** : 09 May 2024
Lab Number : **06174488** **Tested** : 10 May 2024
Unique Number : 11020541 **Diagnosed** : 10 May 2024 - Wes Davis
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: