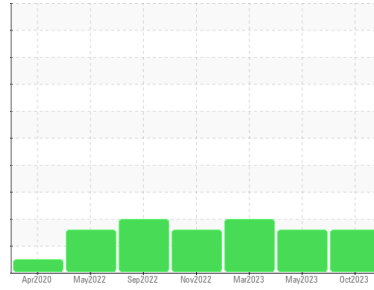


OIL ANALYSIS REPORT

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		PCA0107414	PCA0099477	PCA0094441
Sample Date	Client Info		16 Oct 2023	23 May 2023	03 Mar 2023
Machine Age	mls	Client Info	421145	382684	0
Oil Age	mls	Client Info	421145	382684	0
Oil Changed	Client Info		Not Chngd	N/A	N/A
Sample Status			ABNORMAL	ABNORMAL	ABNORMAL

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

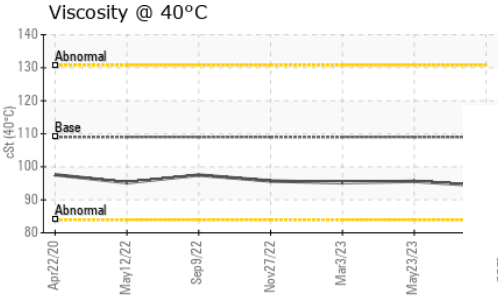
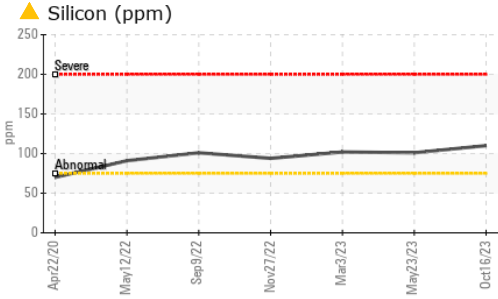
WEAR METALS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	303	284	289
Chromium	ppm	ASTM D5185m >10	2	2	2
Nickel	ppm	ASTM D5185m >10	5	4	5
Titanium	ppm	ASTM D5185m	<1	<1	<1
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	2	2	4
Lead	ppm	ASTM D5185m >25	50	49	49
Copper	ppm	ASTM D5185m >100	61	60	68
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	381	423	407
Barium	ppm	ASTM D5185m 200	0	<1	0
Molybdenum	ppm	ASTM D5185m 12	<1	0	<1
Manganese	ppm	ASTM D5185m	11	11	11
Magnesium	ppm	ASTM D5185m 12	0	2	3
Calcium	ppm	ASTM D5185m 150	19	31	34
Phosphorus	ppm	ASTM D5185m 1650	1102	1235	1222
Zinc	ppm	ASTM D5185m 125	17	29	31
Sulfur	ppm	ASTM D5185m 22500	21380	21442	21726

CONTAMINANTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	▲ 110	▲ 101	▲ 102
Sodium	ppm	ASTM D5185m	12	12	10
Potassium	ppm	ASTM D5185m >20	279	287	311

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	NONE	▲ MODER
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

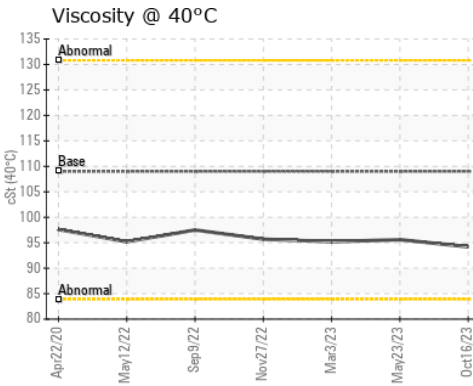
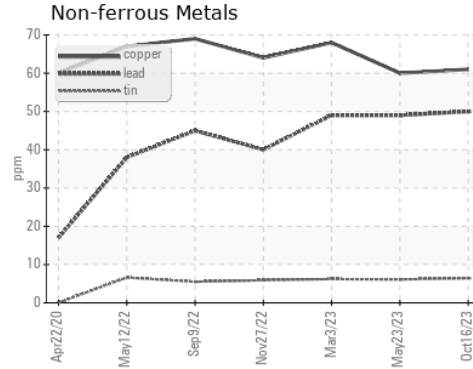
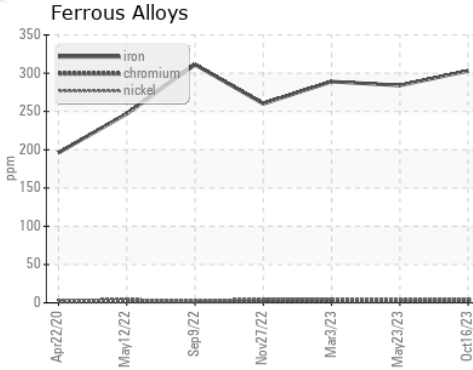


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	109	94.2	95.6	95.2

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. : PCA0107414 **Received** : 15 Dec 2023
Lab Number : **06037089** **Diagnosed** : 20 Dec 2023
Unique Number : 10792318 **Diagnostician** : Jonathan Hester
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: