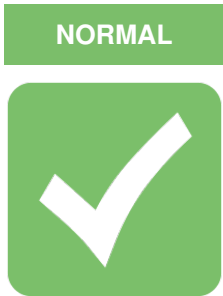
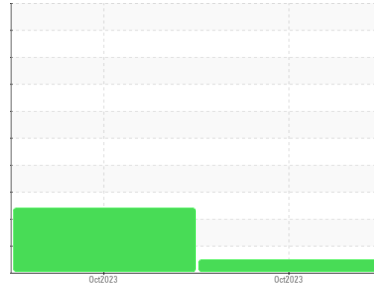


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id
2126923
 Component
Differential
 Fluid
GEAR OIL SAE 75W90 (--- QTS)

DIAGNOSIS

Recommendation
 Resample at the next service interval to monitor.

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		PCA0113317	PCA0113316	---
Sample Date	Client Info		27 Oct 2023	26 Oct 2023	---
Machine Age	mls	Client Info	0	0	---
Oil Age	mls	Client Info	0	0	---
Oil Changed	Client Info		N/A	N/A	---
Sample Status			NORMAL	ABNORMAL	---

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	221	312	---
Chromium	ppm	ASTM D5185m >10	2	3	---
Nickel	ppm	ASTM D5185m >10	8	5	---
Titanium	ppm	ASTM D5185m	<1	0	---
Silver	ppm	ASTM D5185m	0	0	---
Aluminum	ppm	ASTM D5185m >25	2	▲ 17	---
Lead	ppm	ASTM D5185m >25	0	6	---
Copper	ppm	ASTM D5185m >100	1	50	---
Tin	ppm	ASTM D5185m >10	0	3	---
Vanadium	ppm	ASTM D5185m	0	0	---
Cadmium	ppm	ASTM D5185m	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 400	220	133	---
Barium	ppm	ASTM D5185m 200	0	0	---
Molybdenum	ppm	ASTM D5185m 12	0	0	---
Manganese	ppm	ASTM D5185m	16	13	---
Magnesium	ppm	ASTM D5185m 12	2	2	---
Calcium	ppm	ASTM D5185m 150	17	19	---
Phosphorus	ppm	ASTM D5185m 1650	1040	1054	---
Zinc	ppm	ASTM D5185m 125	10	8	---
Sulfur	ppm	ASTM D5185m 22500	25067	27625	---

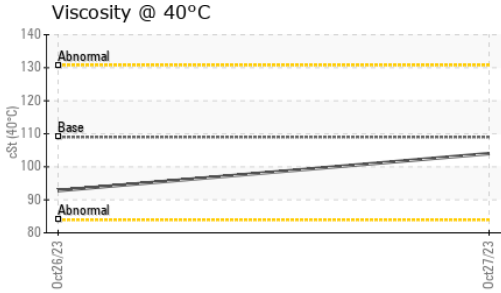
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	44	▲ 144	---
Sodium	ppm	ASTM D5185m	4	6	---
Potassium	ppm	ASTM D5185m >20	6	4	---

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	LIGHT	---
Debris	scalar	*Visual NONE	LIGHT	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



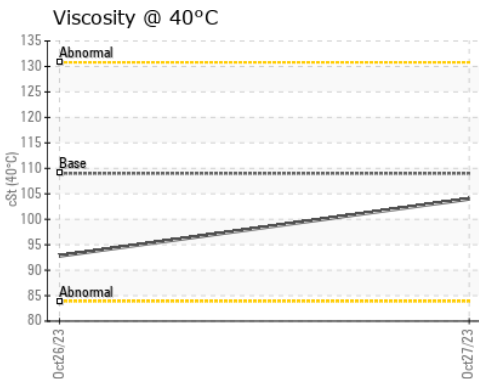
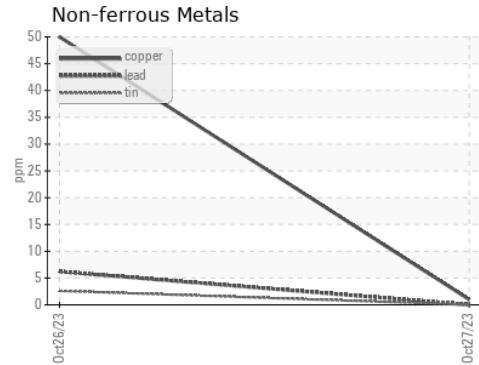
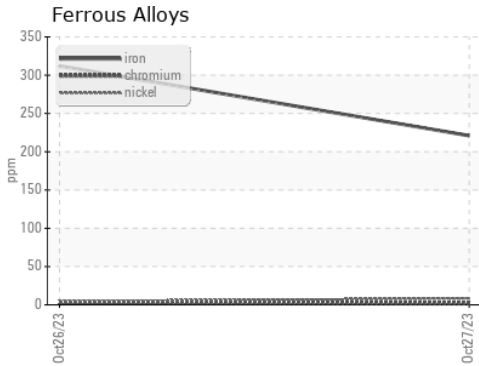
FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt ASTM D445	109	104	92.8	---

SAMPLE IMAGES

method	limit/base	current	history1	history2	
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. : PCA0113317 **Recieved** : 13 Dec 2023
Lab Number : **06033870** **Diagnosed** : 18 Dec 2023
Unique Number : 10789099 **Diagnostician** : Jonathan Hester
Test Package : FLEET

PERDUE FARMS - PRINCE GEORGE
 6012 HARDWARE DR
 PRINCE GEORGE, VA
 US 23875
 Contact: MICHAEL DAVIS
 MICHAELP.DAVIS@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: