

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
NOT GIVEN PCA06033760 (S/N NO INFO ON BOTTLE)

Component
Rear 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	PCA06033760	---	---
Sample Date	Client Info	12 Dec 2023	---	---
Machine Age	mls Client Info	121070	---	---
Oil Age	mls Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		NORMAL	---	---

CONTAMINATION

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

WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184	48	---	---
Iron	ppm ASTM D5185m >500	230	---	---
Chromium	ppm ASTM D5185m >10	4	---	---
Nickel	ppm ASTM D5185m >10	8	---	---
Titanium	ppm ASTM D5185m	<1	---	---
Silver	ppm ASTM D5185m	0	---	---
Aluminum	ppm ASTM D5185m >25	10	---	---
Lead	ppm ASTM D5185m >25	0	---	---
Copper	ppm ASTM D5185m >100	3	---	---
Tin	ppm ASTM D5185m >10	0	---	---
Vanadium	ppm ASTM D5185m	0	---	---
Cadmium	ppm ASTM D5185m	0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m 400	162	---	---
Barium	ppm ASTM D5185m 200	0	---	---
Molybdenum	ppm ASTM D5185m 12	<1	---	---
Manganese	ppm ASTM D5185m	15	---	---
Magnesium	ppm ASTM D5185m 12	6	---	---
Calcium	ppm ASTM D5185m 150	22	---	---
Phosphorus	ppm ASTM D5185m 1650	1180	---	---
Zinc	ppm ASTM D5185m 125	19	---	---
Sulfur	ppm ASTM D5185m 22500	25589	---	---

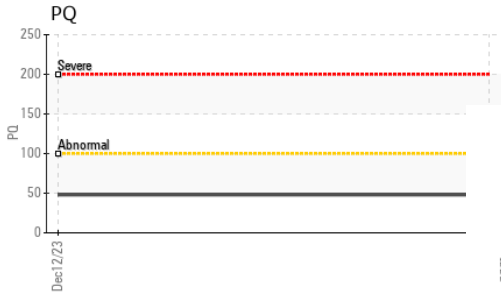
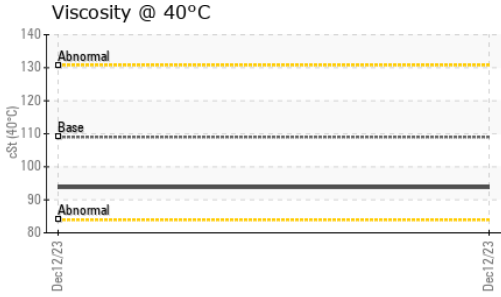
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >75	57	---	---
Sodium	ppm ASTM D5185m	3	---	---
Potassium	ppm ASTM D5185m >20	5	---	---

VISUAL

method	limit/base	current	history1	history2
White Metal	scalar *Visual NONE	NONE	---	---
Yellow Metal	scalar *Visual NONE	NONE	---	---
Precipitate	scalar *Visual NONE	NONE	---	---
Silt	scalar *Visual NONE	NONE	---	---
Debris	scalar *Visual NONE	NONE	---	---
Sand/Dirt	scalar *Visual NONE	NONE	---	---
Appearance	scalar *Visual NORML	NORML	---	---
Odor	scalar *Visual NORML	NORML	---	---
Emulsified Water	scalar *Visual >.2	NEG	---	---
Free Water	scalar *Visual	NEG	---	---

OIL ANALYSIS REPORT



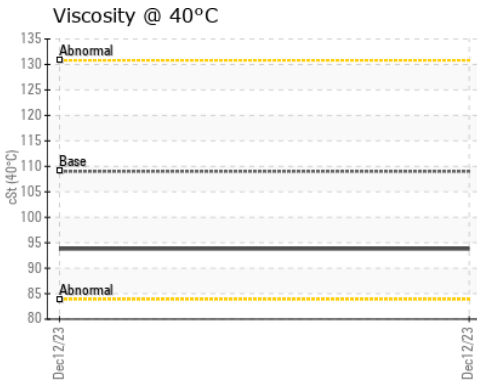
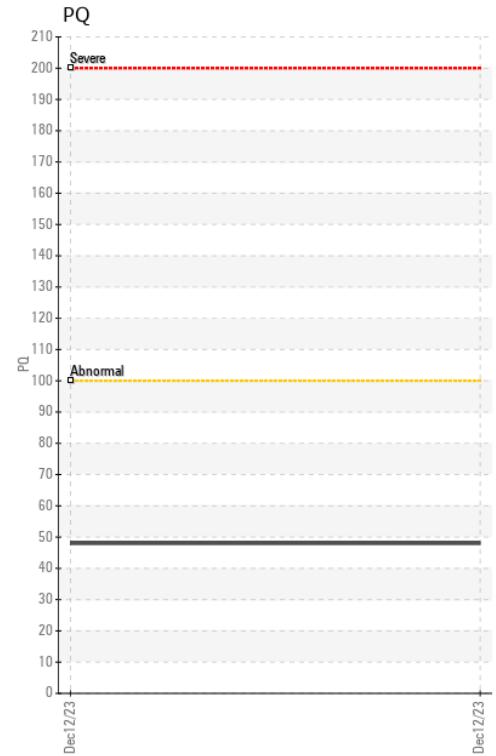
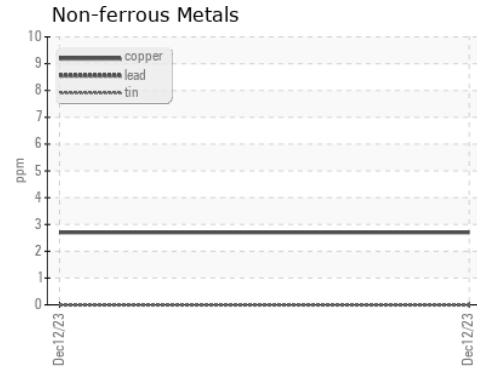
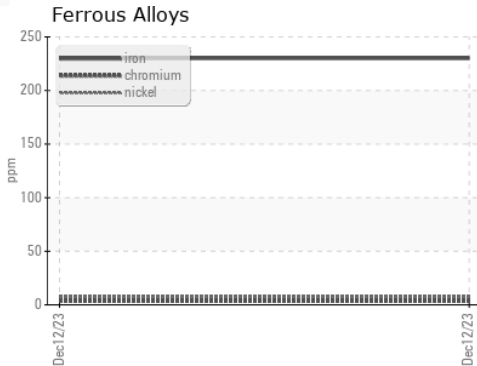
FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt ASTM D445	109	93.8	---	---

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. : PCA06033760 **Recieved** : 13 Dec 2023
Lab Number : **06033760** **Diagnosed** : 17 Dec 2023
Unique Number : 10788989 **Diagnostician** : Don Baldrige
Test Package : FLEET (Additional Tests: PQ)

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)

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F: