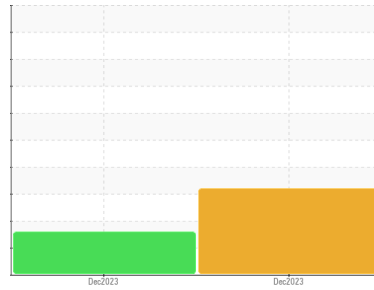


PROBLEM SUMMARY

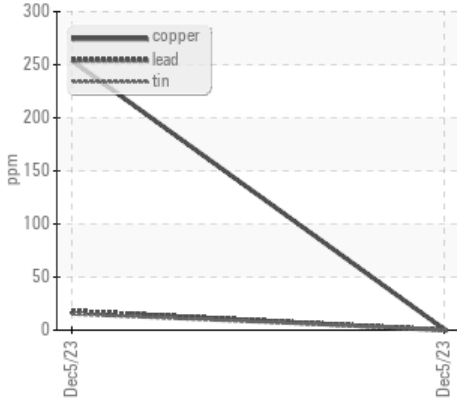
Sample Rating Trend



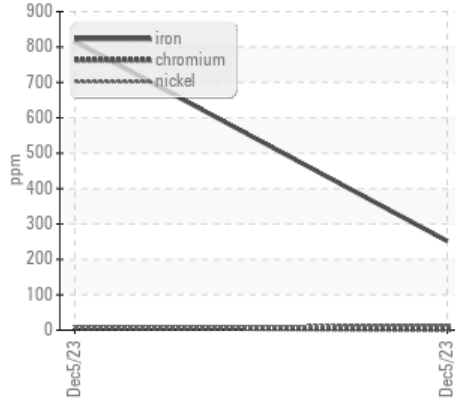
Machine Id
2026824
 Component
Differential
 Fluid
GEAR OIL SAE 75W90 (--- GAL)

COMPONENT CONDITION SUMMARY

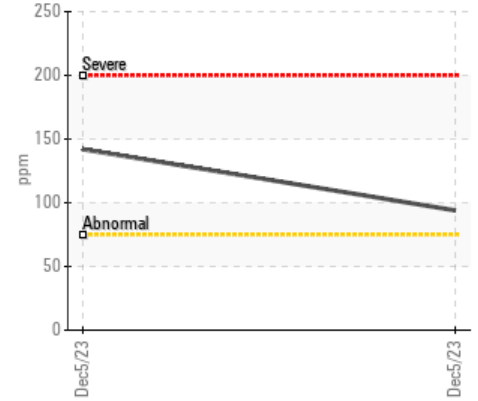
▲ Non-ferrous Metals



▲ Ferrous Alloys



▲ Silicon (ppm)



RECOMMENDATION

No corrective action is recommended at this time.
 Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	ABNORMAL	---
Iron	ppm	ASTM D5185m	>500	▲ 815	252	---
Copper	ppm	ASTM D5185m	>100	▲ 254	<1	---
Silicon	ppm	ASTM D5185m	>75	▲ 142	▲ 94	---

Customer Id: PERDILSC
 Sample No.: PCA0112339
 Lab Number: 06032535
 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Don Baldrige +1
don.b505@comcast.net

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

05 Dec 2023 Diag: Don Baldrige

DIRT



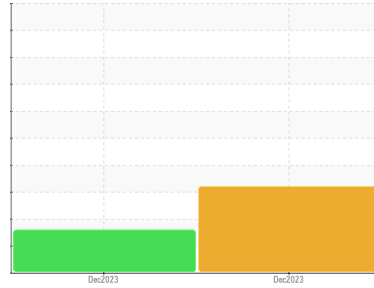
No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal. The condition of the oil is acceptable for the time in service.

view report



OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id
2026824
 Component
Differential
 Fluid
GEAR OIL SAE 75W90 (--- GAL)

DIAGNOSIS

- ▲ **Recommendation**
 No corrective action is recommended at this time. Resample at the next service interval to monitor.
- ▲ **Wear**
 Bearing and/or gear wear is indicated.
- ▲ **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		PCA0112339	PCA0112338	---
Sample Date	Client Info		05 Dec 2023	05 Dec 2023	---
Machine Age	mls	Client Info	137969	137969	---
Oil Age	mls	Client Info	137969	0	---
Oil Changed	Client Info		N/A	N/A	---
Sample Status			ABNORMAL	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	▲ 815	252	---
Chromium	ppm	ASTM D5185m >10	6	2	---
Nickel	ppm	ASTM D5185m >10	7	13	---
Titanium	ppm	ASTM D5185m	0	0	---
Silver	ppm	ASTM D5185m	0	0	---
Aluminum	ppm	ASTM D5185m >25	2	3	---
Lead	ppm	ASTM D5185m >25	18	0	---
Copper	ppm	ASTM D5185m >100	▲ 254	<1	---
Tin	ppm	ASTM D5185m >10	15	<1	---
Vanadium	ppm	ASTM D5185m	0	0	---
Cadmium	ppm	ASTM D5185m	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 400	145	240	---
Barium	ppm	ASTM D5185m 200	2	3	---
Molybdenum	ppm	ASTM D5185m 12	<1	0	---
Manganese	ppm	ASTM D5185m	16	13	---
Magnesium	ppm	ASTM D5185m 12	1	<1	---
Calcium	ppm	ASTM D5185m 150	15	15	---
Phosphorus	ppm	ASTM D5185m 1650	1392	1405	---
Zinc	ppm	ASTM D5185m 125	17	16	---
Sulfur	ppm	ASTM D5185m 22500	22244	23285	---

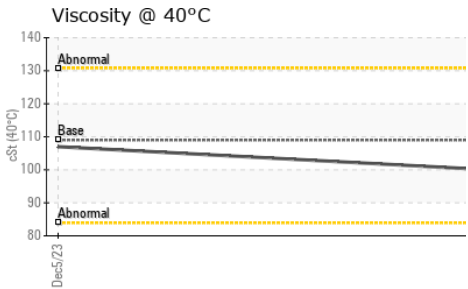
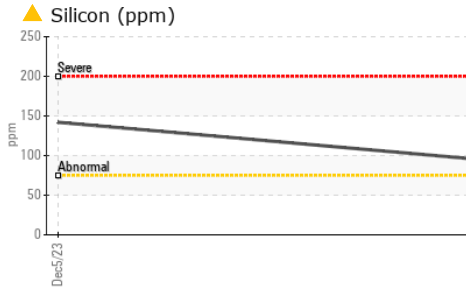
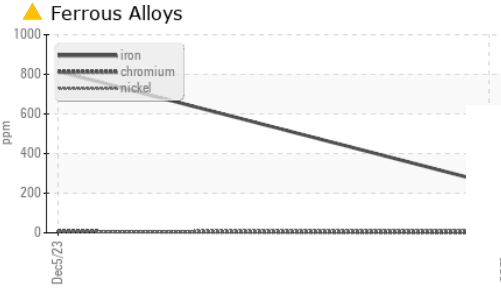
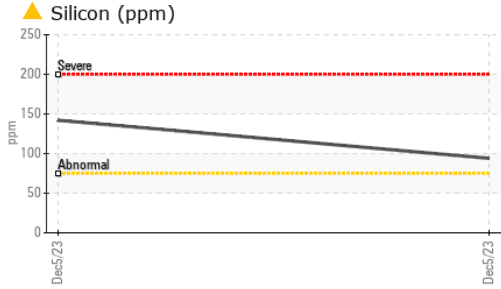
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	▲ 142	▲ 94	---
Sodium	ppm	ASTM D5185m	9	7	---
Potassium	ppm	ASTM D5185m >20	2	2	---

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	NONE	---
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



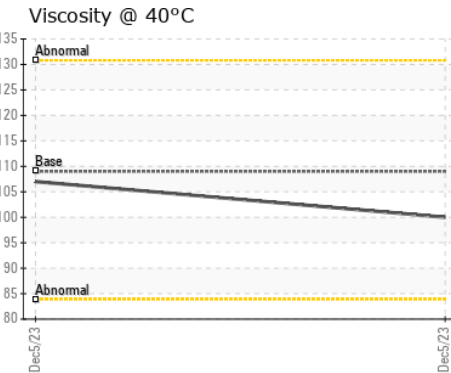
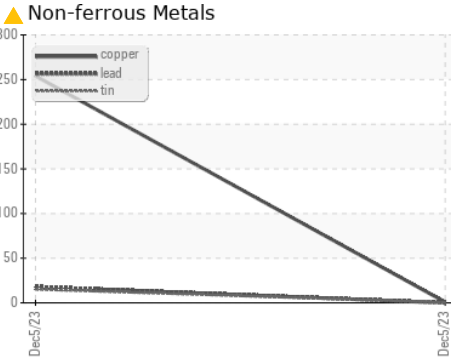
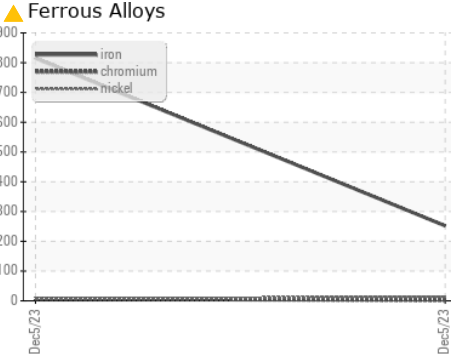
FLUID PROPERTIES

method	limit/base	current	history1	history2		
Visc @ 40°C	cSt	ASTM D445	109	100	107	---

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. : PCA0112339 **Recieved** : 12 Dec 2023
Lab Number : **06032535** **Diagnosed** : 15 Dec 2023
Unique Number : 10782326 **Diagnostician** : Don Baldrige
Test Package : FLEET

PERDUE FARMS - DILLON
 2047 HWY 9 WEST
 DILLON, SC
 US 29536
 Contact: KEVIN HOOKS
 kevin.hooks@perdue.com
 T: (843)841-8069
 F: (843)841-8070

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)