

OIL ANALYSIS REPORT

Area
FLEET
 Machine Id
26612
 Component
1 Differential
 Fluid
GEAR OIL SAE 75W90 (--- GAL)

Sample Rating Trend



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 indicating ingress of seal material.

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	PCA0128374	---	---
Sample Date	Client Info	20 Jun 2024	---	---
Machine Age	mls Client Info	667133	---	---
Oil Age	mls Client Info	667133	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ABNORMAL	---	---

CONTAMINATION

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

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >500	326	---	---
Chromium	ppm ASTM D5185m >10	3	---	---
Nickel	ppm ASTM D5185m >10	8	---	---
Titanium	ppm ASTM D5185m	<1	---	---
Silver	ppm ASTM D5185m	<1	---	---
Aluminum	ppm ASTM D5185m >25	5	---	---
Lead	ppm ASTM D5185m >25	<1	---	---
Copper	ppm ASTM D5185m >100	10	---	---
Tin	ppm ASTM D5185m >10	2	---	---
Vanadium	ppm ASTM D5185m	<1	---	---
Cadmium	ppm ASTM D5185m	<1	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m 400	229	---	---
Barium	ppm ASTM D5185m 200	0	---	---
Molybdenum	ppm ASTM D5185m 12	2	---	---
Manganese	ppm ASTM D5185m	10	---	---
Magnesium	ppm ASTM D5185m 12	14	---	---
Calcium	ppm ASTM D5185m 150	163	---	---
Phosphorus	ppm ASTM D5185m 1650	1401	---	---
Zinc	ppm ASTM D5185m 125	81	---	---
Sulfur	ppm ASTM D5185m 22500	19288	---	---

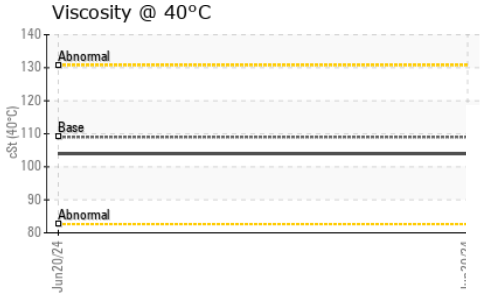
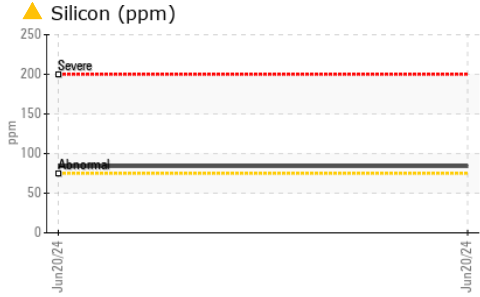
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >75	▲ 84	---	---
Sodium	ppm ASTM D5185m	10	---	---
Potassium	ppm ASTM D5185m >20	108	---	---

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	LIGHT	---	---
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



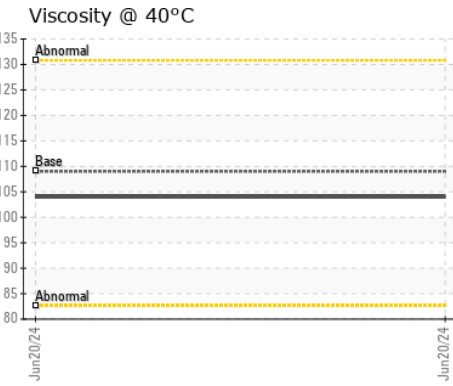
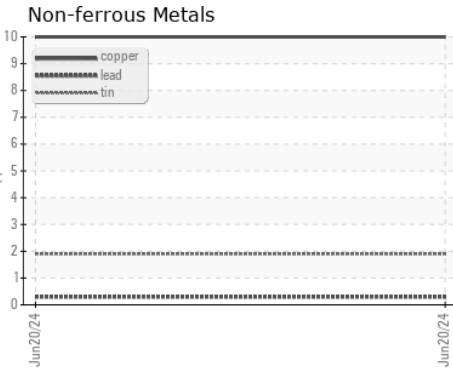
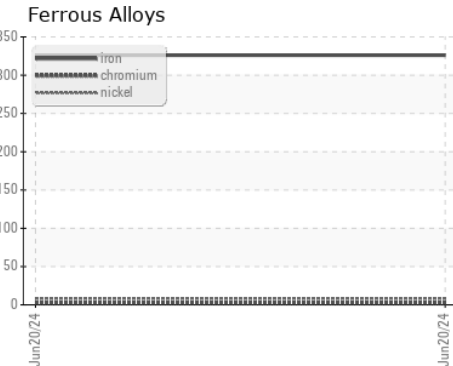
FLUID PROPERTIES	method	limit/base	current	history1	history2
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Visc @ 40°C	cSt	ASTM D445	109	104	---	---
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SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color	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. : PCA0128374 **Received** : 25 Jun 2024
Lab Number : **06220084** **Tested** : 26 Jun 2024
Unique Number : 11098281 **Diagnosed** : 27 Jun 2024 - Sean Felton
Test Package : FLEET

PERDUE FARMS - ACCOMAC
 22520 LANKFORD HWY
 ACCOMAC, VA
 US 23301
 Contact: RANDY PARKER
 RANDY.PARKER@PERDUE.COM
 T:

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) F: (757)787-5208