

OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Area
FLEET
 Machine Id
26556
 Component
Transmission (Manual)
 Fluid
GEAR OIL SAE 80 (--- GAL)

DIAGNOSIS

▲ Recommendation

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

▲ Wear

Gear wear is indicated. Clutch wear is indicated.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PCA0119901	---	---
Sample Date	Client Info		14 Mar 2024	---	---
Machine Age	mls	Client Info	314059	---	---
Oil Age	mls	Client Info	314059	---	---
Oil Changed	Client Info		Not Chngd	---	---
Sample Status			ABNORMAL	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	▲ 333	---	---
Chromium	ppm	ASTM D5185m >5	3	---	---
Nickel	ppm	ASTM D5185m >5	4	---	---
Titanium	ppm	ASTM D5185m	<1	---	---
Silver	ppm	ASTM D5185m >7	0	---	---
Aluminum	ppm	ASTM D5185m >25	3	---	---
Lead	ppm	ASTM D5185m >45	▲ 42	---	---
Copper	ppm	ASTM D5185m >225	83	---	---
Tin	ppm	ASTM D5185m >10	6	---	---
Vanadium	ppm	ASTM D5185m	<1	---	---
Cadmium	ppm	ASTM D5185m	<1	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 400	162	---	---
Barium	ppm	ASTM D5185m 200	3	---	---
Molybdenum	ppm	ASTM D5185m 12	2	---	---
Manganese	ppm	ASTM D5185m	15	---	---
Magnesium	ppm	ASTM D5185m 12	7	---	---
Calcium	ppm	ASTM D5185m 150	33	---	---
Phosphorus	ppm	ASTM D5185m 1650	1546	---	---
Zinc	ppm	ASTM D5185m 125	42	---	---
Sulfur	ppm	ASTM D5185m 22500	27848	---	---

CONTAMINANTS

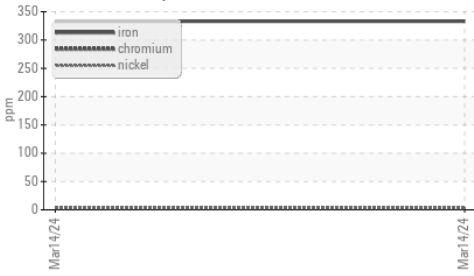
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >125	94	---	---
Sodium	ppm	ASTM D5185m	10	---	---
Potassium	ppm	ASTM D5185m >20	6	---	---

VISUAL

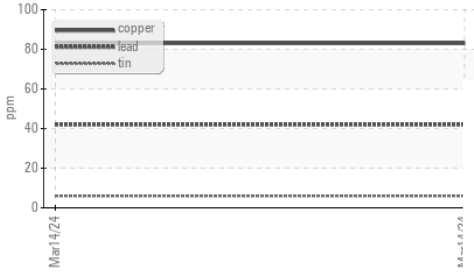
	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	---	---
Yellow Metal	scalar	*Visual NONE	NONE	---	---
Precipitate	scalar	*Visual NONE	NONE	---	---
Silt	scalar	*Visual NONE	NONE	---	---
Debris	scalar	*Visual NONE	LIGHT	---	---
Sand/Dirt	scalar	*Visual NONE	NONE	---	---
Appearance	scalar	*Visual NORML	NORML	---	---
Odor	scalar	*Visual NORML	NORML	---	---
Emulsified Water	scalar	*Visual >0.1	NEG	---	---
Free Water	scalar	*Visual	NEG	---	---

OIL ANALYSIS REPORT

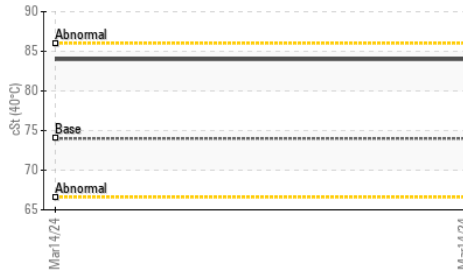
▲ Ferrous Alloys



▲ Non-ferrous Metals



Viscosity @ 40°C



FLUID PROPERTIES	method	limit/base	current	history1	history2
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Visc @ 40°C	cSt	ASTM D445 74	84.0	---	---
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SAMPLE IMAGES	method	limit/base	current	history1	history2
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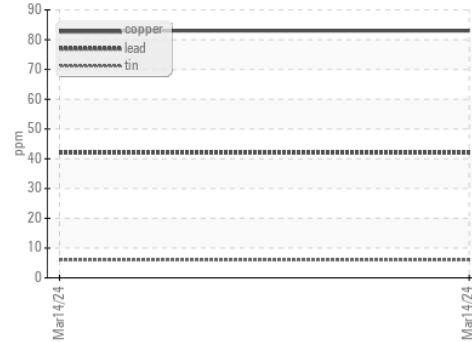
Color			no image	no image	no image
Bottom			no image	no image	no image

GRAPHS

▲ Ferrous Alloys



▲ Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : PCA0119901

Lab Number : 06128301

Unique Number : 10942452

Test Package : FLEET

Received : 25 Mar 2024

Tested : 28 Mar 2024

Diagnosed : 28 Mar 2024 - Jonathan Hester

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)

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