

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id
2026858
 Component
Transmission
 Fluid
{not provided} (--- QTS)

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 fluid is acceptable for the time in service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PCA0114114	PCA0101089	---
Sample Date	Client Info	30 Dec 2023	05 Aug 2023	---
Machine Age	mls Client Info	226882	226621	---
Oil Age	mls Client Info	226882	226621	---
Oil Changed	Client Info	Not Changed	Not Changed	---
Sample Status		ABNORMAL	ABNORMAL	---

CONTAMINATION

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

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >200	41	38	---
Chromium	ppm ASTM D5185m >10	0	<1	---
Nickel	ppm ASTM D5185m	0	0	---
Titanium	ppm ASTM D5185m	0	0	---
Silver	ppm ASTM D5185m	0	0	---
Aluminum	ppm ASTM D5185m >50	3	2	---
Lead	ppm ASTM D5185m >50	0	<1	---
Copper	ppm ASTM D5185m >200	86	78	---
Tin	ppm ASTM D5185m >10	0	0	---
Vanadium	ppm ASTM D5185m	0	<1	---
Cadmium	ppm ASTM D5185m	0	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	4	5	---
Barium	ppm ASTM D5185m	0	0	---
Molybdenum	ppm ASTM D5185m	<1	<1	---
Manganese	ppm ASTM D5185m	6	7	---
Magnesium	ppm ASTM D5185m	0	0	---
Calcium	ppm ASTM D5185m	654	651	---
Phosphorus	ppm ASTM D5185m	564	550	---
Zinc	ppm ASTM D5185m	15	0	---
Sulfur	ppm ASTM D5185m	3633	3608	---

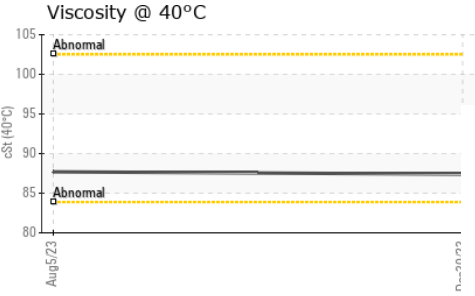
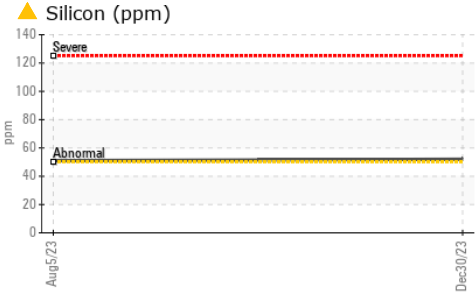
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >50	▲ 52	▲ 51	---
Sodium	ppm ASTM D5185m	1	1	---
Potassium	ppm ASTM D5185m >20	4	<1	---

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 >0.1	NEG	NEG	---
Free Water	scalar *Visual	NEG	NEG	---

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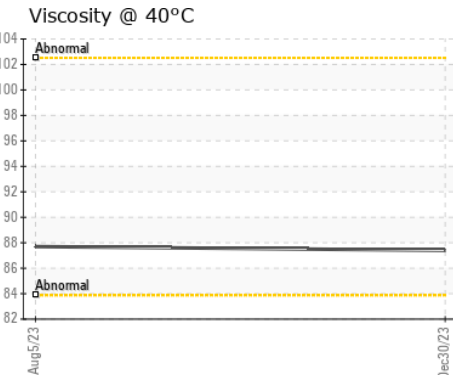
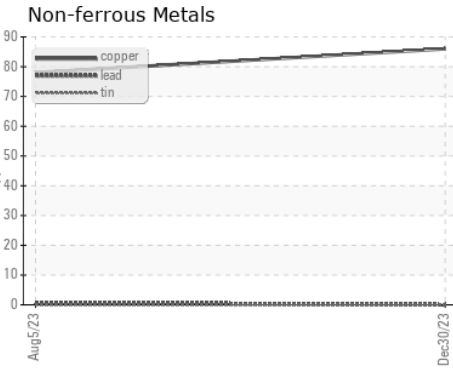
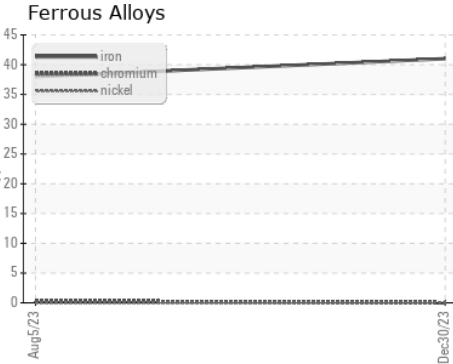


FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	87.4	87.7	---

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. : PCA0114114 **Received** : 14 Mar 2024
Lab Number : **06118713** **Tested** : 15 Mar 2024
Unique Number : 10927546 **Diagnosed** : 18 Mar 2024 - Don Baldrige
Test Package : FLEET

PERDUE FARMS - GEORGETOWN
 20621 SAVANAH RD
 GEORGETOWN, DE
 US 19947
 Contact: ROBERT LOCKWOOD
 Robert.Lockwood@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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