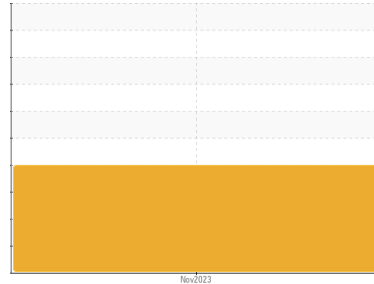


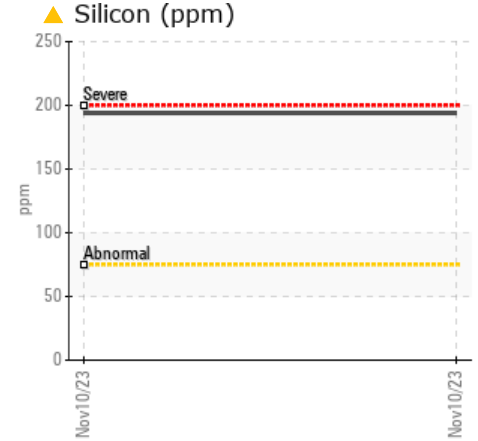
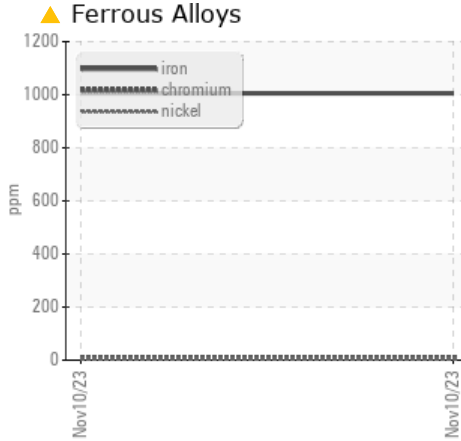
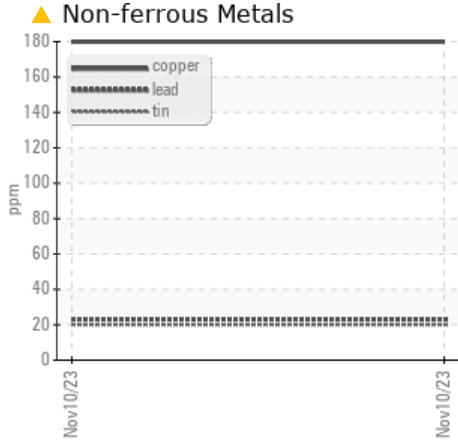
PROBLEM SUMMARY

Sample Rating Trend



Machine Id
VOLVO 7988 (S/N EN173847)
 Component
Front Differential
 Fluid
GEAR OIL SAE 80 (--- QTS)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

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

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
Iron	ppm	ASTM D5185m	>500	▲ 1005	---	---
Copper	ppm	ASTM D5185m	>100	▲ 180	---	---
Tin	ppm	ASTM D5185m	>10	▲ 20	---	---
Silicon	ppm	ASTM D5185m	>75	▲ 194	---	---

Customer Id: PERLEWNC
 Sample No.: PCA0108041
 Lab Number: 06008721
 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

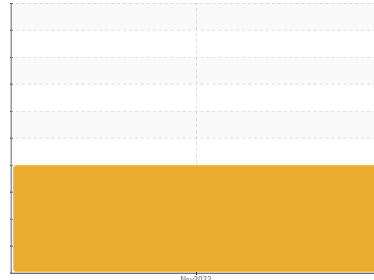
RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

OIL ANALYSIS REPORT

Sample Rating Trend



DIRT



Machine Id
VOLVO 7988 (S/N EN173847)
 Component
Front Differential
 Fluid
GEAR OIL SAE 80 (--- QTS)

DIAGNOSIS

- ▲ Recommendation**
 No corrective action is recommended at this time. Resample at the next service interval to monitor.
- ▲ Wear**
 Gear wear is indicated. Bearing and/or bushing wear is indicated.
- ▲ 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	PCA0108041	---	---
Sample Date	Client Info	10 Nov 2023	---	---
Machine Age	mls	Client Info	512139	---
Oil Age	mls	Client Info	512139	---
Oil Changed	Client Info	Not Chngd	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	▲ 1005	---
Chromium	ppm	ASTM D5185m >10	7	---
Nickel	ppm	ASTM D5185m >10	3	---
Titanium	ppm	ASTM D5185m	<1	---
Silver	ppm	ASTM D5185m	0	---
Aluminum	ppm	ASTM D5185m >25	4	---
Lead	ppm	ASTM D5185m >25	23	---
Copper	ppm	ASTM D5185m >100	▲ 180	---
Tin	ppm	ASTM D5185m >10	▲ 20	---
Vanadium	ppm	ASTM D5185m	<1	---
Cadmium	ppm	ASTM D5185m	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 400	132	---
Barium	ppm	ASTM D5185m 200	3	---
Molybdenum	ppm	ASTM D5185m 12	<1	---
Manganese	ppm	ASTM D5185m	18	---
Magnesium	ppm	ASTM D5185m 12	2	---
Calcium	ppm	ASTM D5185m 150	14	---
Phosphorus	ppm	ASTM D5185m 1650	1521	---
Zinc	ppm	ASTM D5185m 125	42	---
Sulfur	ppm	ASTM D5185m 22500	26327	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	▲ 194	---
Sodium	ppm	ASTM D5185m	11	---
Potassium	ppm	ASTM D5185m >20	8	---

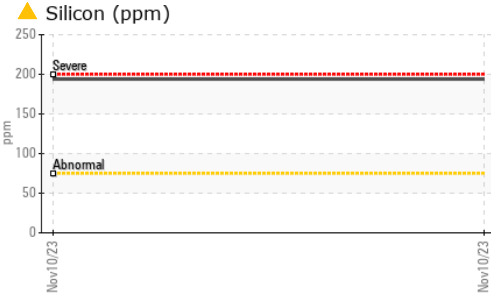
VISUAL

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	---

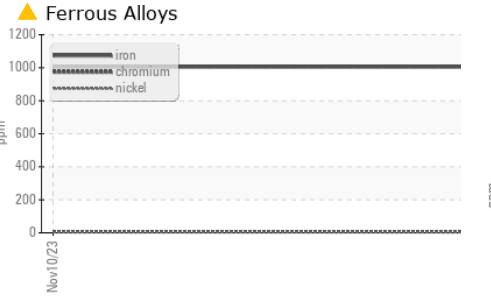
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 74	82.5	---

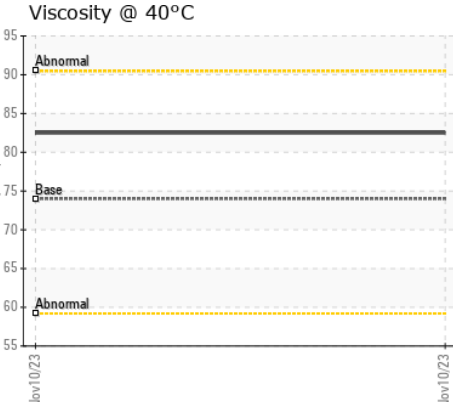
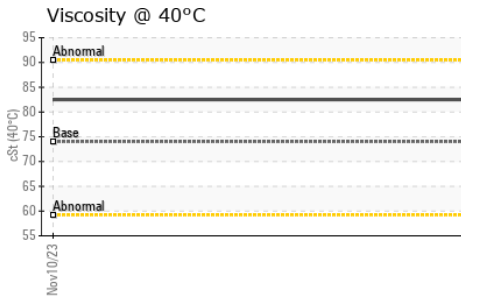
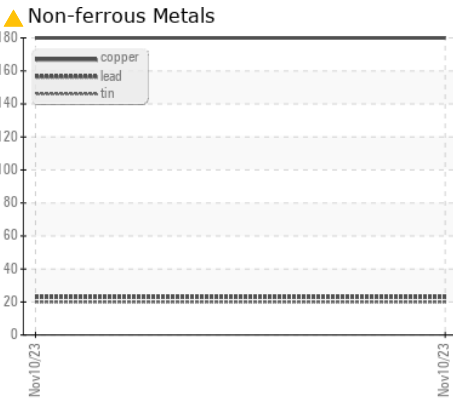
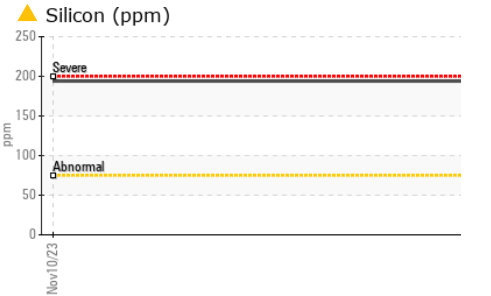
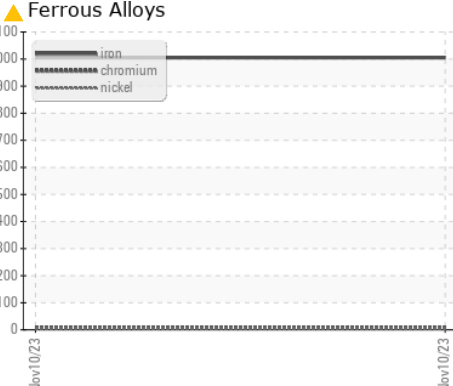
OIL ANALYSIS REPORT



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. : PCA0108041 **Received** : 15 Nov 2023
Lab Number : **06008721** **Diagnosed** : 18 Nov 2023
Unique Number : 10742483 **Diagnostician** : Don Baldrige
Test Package : FLEET

PERDUE FARMS - Lewiston
 210 GRIFFINS QUARTER RD
 LEWISTON, NC
 US 27849
 Contact: NELSON WALLACE
 nelson.wallace2@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)

T:
F: