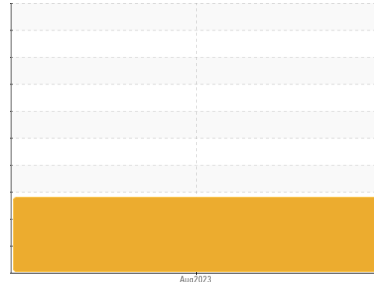


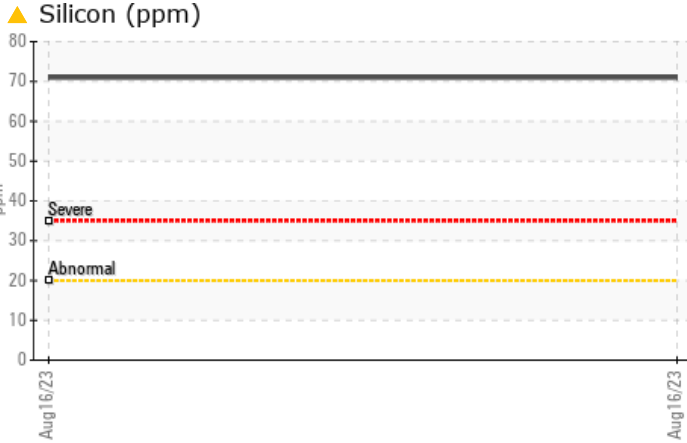
PROBLEM SUMMARY

Sample Rating Trend



Machine Id
1926710
 Component
Main Transmission (Auto)
 Fluid
GEAR OIL SAE 75W80 (--- GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
Silicon	ppm	ASTM D5185m	>20	▲ 71	---	---
White Metal	scalar	*Visual	NONE	▲ MODER	---	---

Customer Id: PERDILSC
 Sample No.: PCA0102774
 Lab Number: 05928525
 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

Action	Status	Date	Done By	Description
Change Filter	---	---	?	We recommend you service the filters on this component.

HISTORICAL DIAGNOSIS

OIL ANALYSIS REPORT

Sample Rating Trend



DIRT



Machine Id
1926710
 Component
Main Transmission (Auto)
 Fluid
GEAR OIL SAE 75W80 (--- GAL)

DIAGNOSIS

▲ Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

▲ Wear

Moderate concentration of visible metal present. 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	PCA0102774	---	---
Sample Date	Client Info	16 Aug 2023	---	---
Machine Age	mls	Client Info	320916	---
Oil Age	mls	Client Info	320916	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >160	31	---
Chromium	ppm	ASTM D5185m >5	<1	---
Nickel	ppm	ASTM D5185m >5	<1	---
Titanium	ppm	ASTM D5185m	<1	---
Silver	ppm	ASTM D5185m >5	<1	---
Aluminum	ppm	ASTM D5185m >50	4	---
Lead	ppm	ASTM D5185m >50	<1	---
Copper	ppm	ASTM D5185m >225	54	---
Tin	ppm	ASTM D5185m >10	<1	---
Vanadium	ppm	ASTM D5185m	<1	---
Cadmium	ppm	ASTM D5185m	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 400	3	---
Barium	ppm	ASTM D5185m 200	0	---
Molybdenum	ppm	ASTM D5185m 12	2	---
Manganese	ppm	ASTM D5185m	7	---
Magnesium	ppm	ASTM D5185m 12	5	---
Calcium	ppm	ASTM D5185m 150	783	---
Phosphorus	ppm	ASTM D5185m 1650	591	---
Zinc	ppm	ASTM D5185m 125	31	---
Sulfur	ppm	ASTM D5185m 22500	4233	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	▲ 71	---
Sodium	ppm	ASTM D5185m	2	---
Potassium	ppm	ASTM D5185m >20	6	---

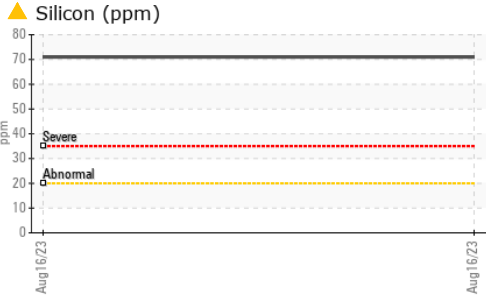
VISUAL

method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	▲ MODER	---
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 >0.1	NEG	---
Free Water	scalar	*Visual	NEG	---

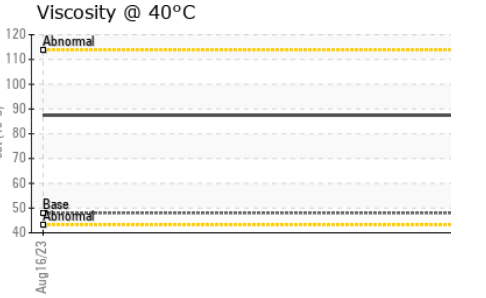
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 48	87.5	---

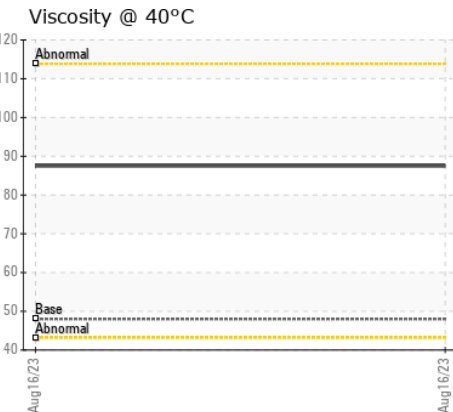
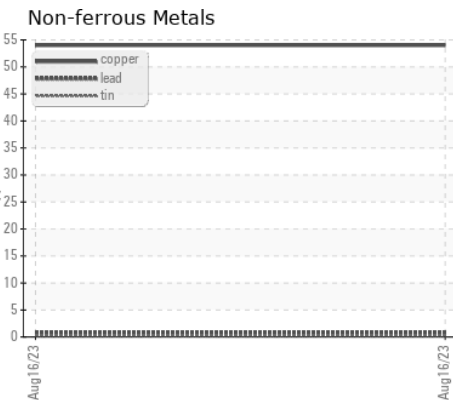
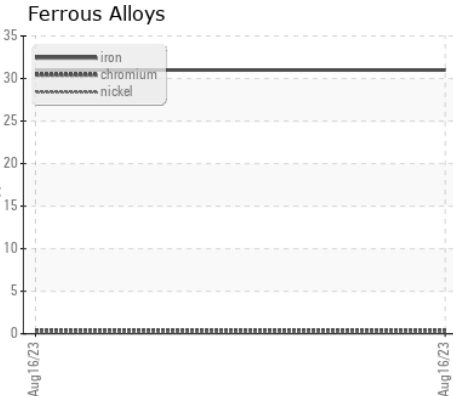
OIL ANALYSIS REPORT



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. : PCA0102774 **Received** : 18 Aug 2023
Lab Number : 05928525 **Diagnosed** : 21 Aug 2023
Unique Number : 10608472 **Diagnostician** : Don Baldrige
Test Package : FLEET

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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