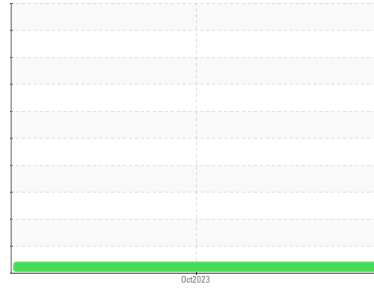




PROBLEM SUMMARY

Sample Rating Trend



VISCOSITY



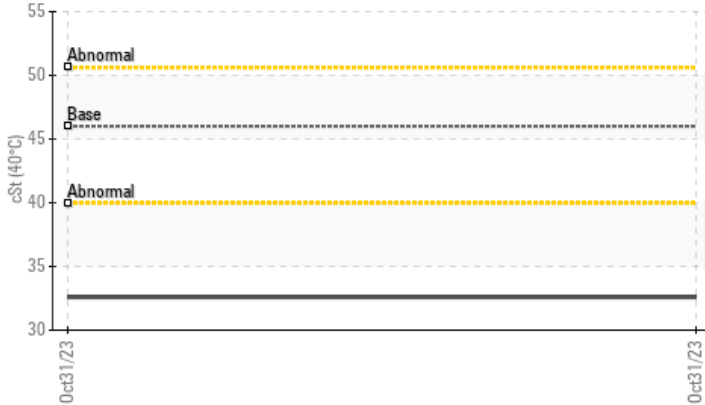
Machine Id
820016-101300

Component
Transmission

Fluid
AW HYDRAULIC OIL ISO 46 (--- GAL)

COMPONENT CONDITION SUMMARY

▲ Viscosity @ 40°C



RECOMMENDATION

Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ATTENTION	---	---
Visc @ 40°C	cSt	ASTM D445	46	▲ 32.6	---	---

Customer Id: GFL844
 Sample No.: GFL0080040
 Lab Number: 06004753
 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

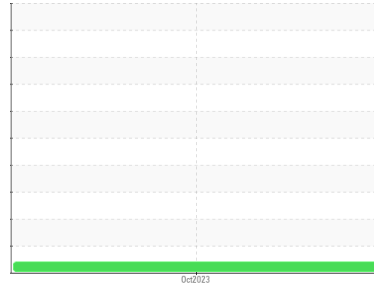
There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Machine Id
820016-101300

Component
Transmission

Fluid
AW HYDRAULIC OIL ISO 46 (--- GAL)

DIAGNOSIS

▲ Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

▲ Fluid Condition

Viscosity of sample indicates oil is within ISO 32 range, advise investigate. Confirm oil type.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	GFL0080040	---	---
Sample Date	Client Info	31 Oct 2023	---	---
Machine Age	hrs	Client Info	11995	---
Oil Age	hrs	Client Info	0	---
Oil Changed	Client Info	Changed	---	---
Sample Status		ATTENTION	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	37	---
Chromium	ppm	ASTM D5185m >10	0	---
Nickel	ppm	ASTM D5185m	<1	---
Titanium	ppm	ASTM D5185m	0	---
Silver	ppm	ASTM D5185m	0	---
Aluminum	ppm	ASTM D5185m >50	6	---
Lead	ppm	ASTM D5185m >50	<1	---
Copper	ppm	ASTM D5185m >200	13	---
Tin	ppm	ASTM D5185m >10	<1	---
Vanadium	ppm	ASTM D5185m	0	---
Cadmium	ppm	ASTM D5185m	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 5	50	---
Barium	ppm	ASTM D5185m 5	0	---
Molybdenum	ppm	ASTM D5185m 5	0	---
Manganese	ppm	ASTM D5185m	<1	---
Magnesium	ppm	ASTM D5185m 25	2	---
Calcium	ppm	ASTM D5185m 200	120	---
Phosphorus	ppm	ASTM D5185m 300	209	---
Zinc	ppm	ASTM D5185m 370	1	---
Sulfur	ppm	ASTM D5185m 2500	1633	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	5	---
Sodium	ppm	ASTM D5185m	5	---
Potassium	ppm	ASTM D5185m >20	1	---

VISUAL

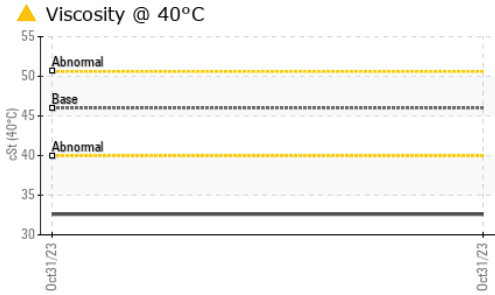
method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	---
Yellow Metal	scalar	*Visual NONE	NONE	---
Precipitate	scalar	*Visual NONE	NONE	---
Silt	scalar	*Visual NONE	NONE	---
Debris	scalar	*Visual NONE	NONE	---
Sand/Dirt	scalar	*Visual NONE	NONE	---
Appearance	scalar	*Visual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



FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 46	▲ 32.6	---

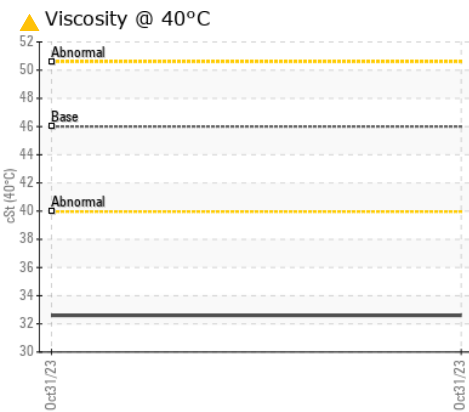
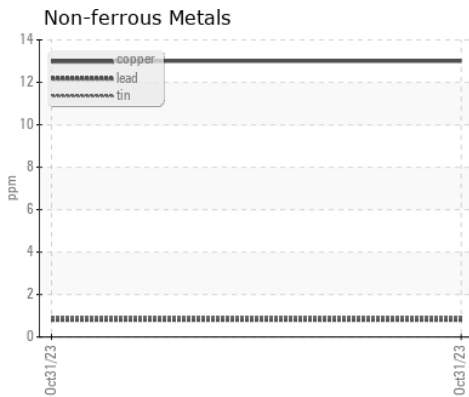
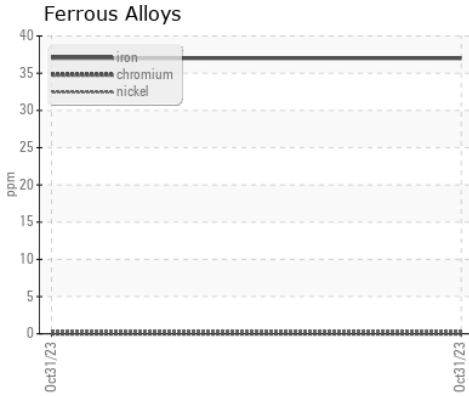


OIL ANALYSIS REPORT



SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GFL0080040 **Received** : 10 Nov 2023
Lab Number : **06004753** **Diagnosed** : 14 Nov 2023
Unique Number : 10738515 **Diagnostician** : Don Baldrige
Test Package : FLEET

GFL Environmental - 844 - Princeton Hauling
 10129 Highway 62 West
 Princeton, KY
 US 42445
 Contact: Kenneth Bigers
 kbigers@gflenv.com
 T: (270)970-0371
 F:

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)