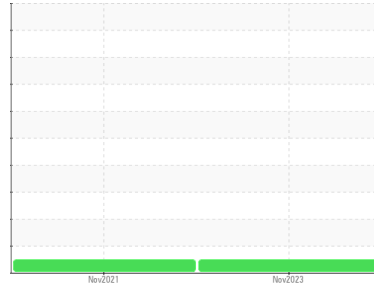




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
WL0089

Component
Transmission

Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- 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 oil.

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	GFL0096121	GFL0018718	---
Sample Date	Client Info	09 Nov 2023	17 Nov 2021	---
Machine Age	hrs Client Info	8632	7740	---
Oil Age	hrs Client Info	892	500	---
Oil Changed	Client Info	Changed	Changed	---
Sample Status		NORMAL	NORMAL	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>61	19	24	---
Chromium ppm ASTM D5185m	>10	0	0	---
Nickel ppm ASTM D5185m		0	0	---
Titanium ppm ASTM D5185m		<1	<1	---
Silver ppm ASTM D5185m		0	0	---
Aluminum ppm ASTM D5185m	>20	1	2	---
Lead ppm ASTM D5185m	>9	0	2	---
Copper ppm ASTM D5185m	>100	9	13	---
Tin ppm ASTM D5185m	>3	0	<1	---
Antimony ppm ASTM D5185m		---	0	---
Vanadium ppm ASTM D5185m		0	0	---
Cadmium ppm ASTM D5185m		0	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m	6	92	92	---
Barium ppm ASTM D5185m	0	0	0	---
Molybdenum ppm ASTM D5185m	0	0	<1	---
Manganese ppm ASTM D5185m		0	<1	---
Magnesium ppm ASTM D5185m	145	16	0	---
Calcium ppm ASTM D5185m	3570	2776	3169	---
Phosphorus ppm ASTM D5185m	1290	940	1024	---
Zinc ppm ASTM D5185m	1640	1091	1285	---
Sulfur ppm ASTM D5185m		3009	2687	---

CONTAMINANTS

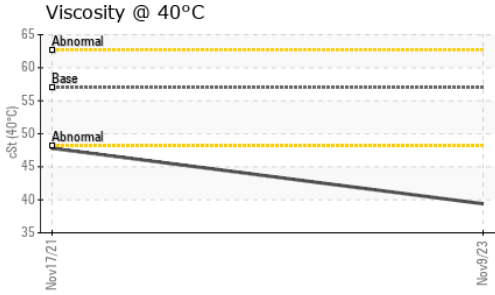
method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>21	9	7	---
Sodium ppm ASTM D5185m	>30	2	<1	---
Potassium ppm ASTM D5185m	>20	0	0	---

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	NONE	LIGHT	---
Sand/Dirt scalar *Visual	NONE	NONE	NONE	---
Appearance scalar *Visual	NORML	NORML	NORML	---
Odor scalar *Visual	NORML	NORML	NORML	---
Emulsified Water scalar *Visual	>0.075	NEG	NEG	---
Free Water scalar *Visual		NEG	NEG	---



OIL ANALYSIS REPORT



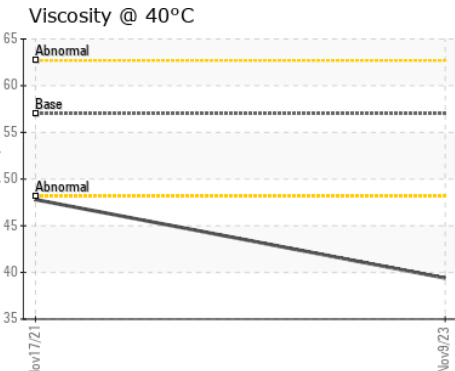
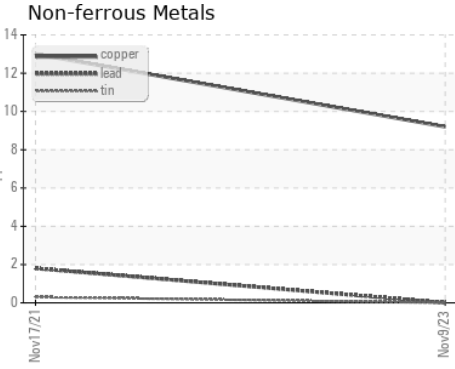
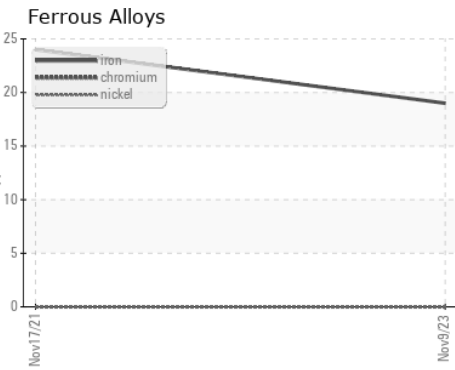
FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt ASTM D445	57.0	39.4	47.8	---

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. : GFL0096121
Lab Number : **06007303**
Unique Number : 10741065
Test Package : FLEET

GFL Environmental - 629 - Northern A1
 3947 US 131 N
 Kalkaska, MI
 US 49646-8428
 Contact: MITCH HERSHBERGER

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: (231)624-0848

F: