



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Store 4 - Fairmont
 Machine Id
JOHN DEERE 350GL 1FF350GXJKF814116
 Component
Right Propel Gearbox
 Fluid
JOHN DEERE GL-5 80W90 (2 GAL)

RECOMMENDATION

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Please note that this is a corrected copy for data entry update of oil type.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0046588	LEC0037100	LEC0032074
Sample Date		Client Info		29 Dec 2023	11 Jan 2023	03 Aug 2022
Machine Age	hrs	Client Info		1460	923	457
Oil Age	hrs	Client Info		537	923	457
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Not Changd
Filter Changed		Client Info		None	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184		173	103	90
Iron	ppm	ASTM D5185m	>1250	319	314	222
Chromium	ppm	ASTM D5185m	>10	7	6	5
Nickel	ppm	ASTM D5185m	>10	<1	0	0
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m		2	2	2
Lead	ppm	ASTM D5185m		0	0	0
Copper	ppm	ASTM D5185m		2	<1	<1
Tin	ppm	ASTM D5185m		<1	0	0
Vanadium	ppm	ASTM D5185m		<1	<1	<1
White Metal	scalar	*Visual	NONE	MODER	LIGHT	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

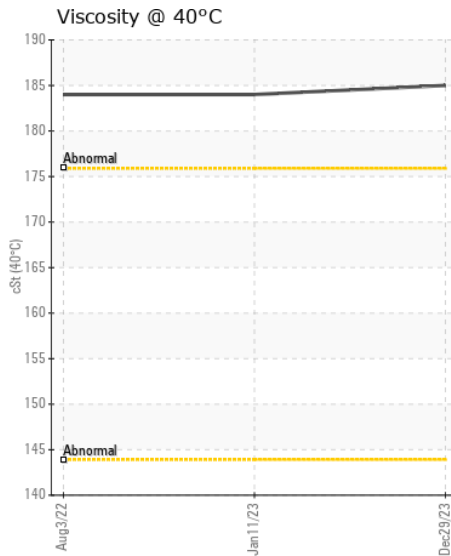
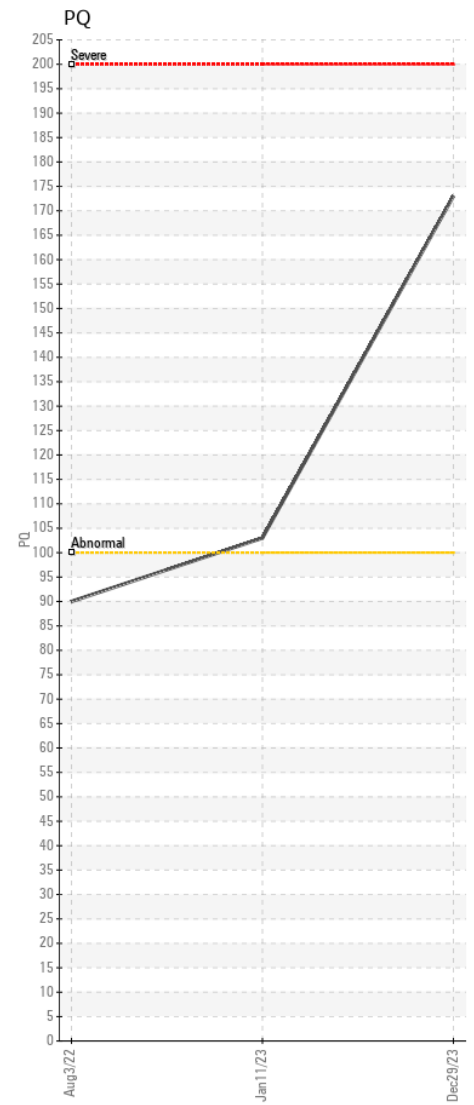
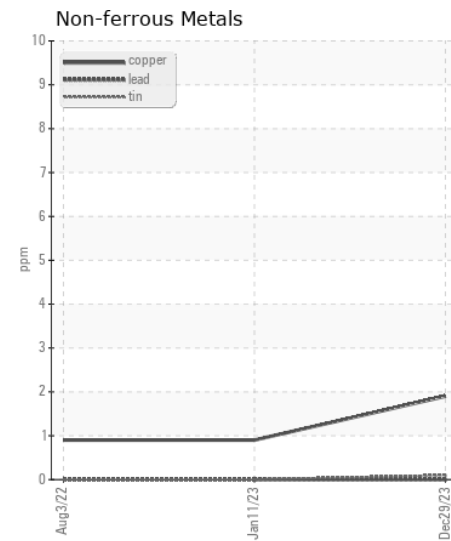
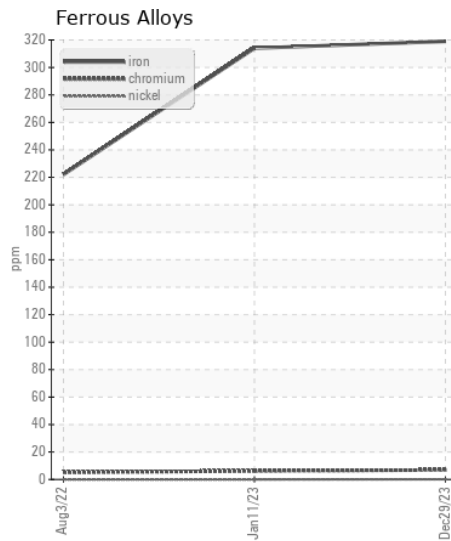
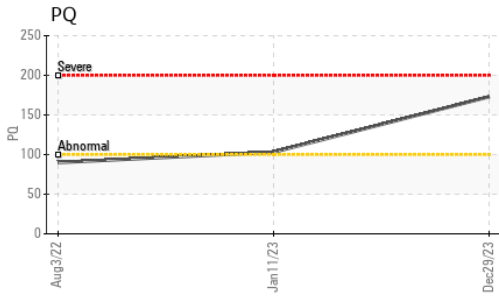
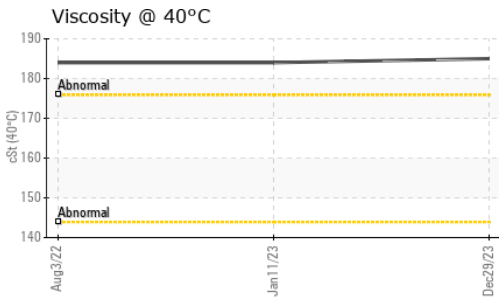
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m		25	21	18
Potassium	ppm	ASTM D5185m	>20	0	1	<1
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<1	0	<1
Boron	ppm	ASTM D5185m		55	56	63
Barium	ppm	ASTM D5185m		4	0	2
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		8	7	6
Magnesium	ppm	ASTM D5185m		2	1	<1
Calcium	ppm	ASTM D5185m		33	19	13
Phosphorus	ppm	ASTM D5185m		497	486	527
Zinc	ppm	ASTM D5185m		36	30	25
Sulfur	ppm	ASTM D5185m		13869	15360	16086
Visc @ 40°C	cSt	ASTM D445		185	184	184



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0046588 **Received** : 12 Jan 2024
Lab Number : 06059513 **Diagnosed** : 26 Jan 2024
Unique Number : 10830895 **Diagnostician** : Doug Bogart
Test Package : CONST (Additional Tests: PQ)

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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