



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Store 9 - Marietta
Machine Id
JOHN DEERE 160G 1FF160GXHNF058786
Component
Right Propel Gearbox
Fluid
JOHN DEERE HY-GARD HYD/TRANS (2 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please note that this is a corrected copy for data entry update for oil type.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0046546	LEC0040205	---
Sample Date		Client Info		04 Jan 2024	11 Apr 2023	---
Machine Age	hrs	Client Info		792	263	---
Oil Age	hrs	Client Info		529	263	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		N/A	None	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184		45	81	---
Iron	ppm	ASTM D5185m	>1250	39	54	---
Chromium	ppm	ASTM D5185m	>10	1	2	---
Nickel	ppm	ASTM D5185m	>10	0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m		<1	0	---
Lead	ppm	ASTM D5185m		<1	0	---
Copper	ppm	ASTM D5185m		0	0	---
Tin	ppm	ASTM D5185m		<1	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	MODER	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

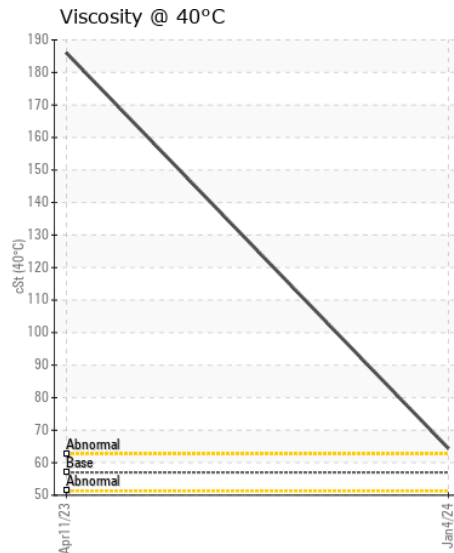
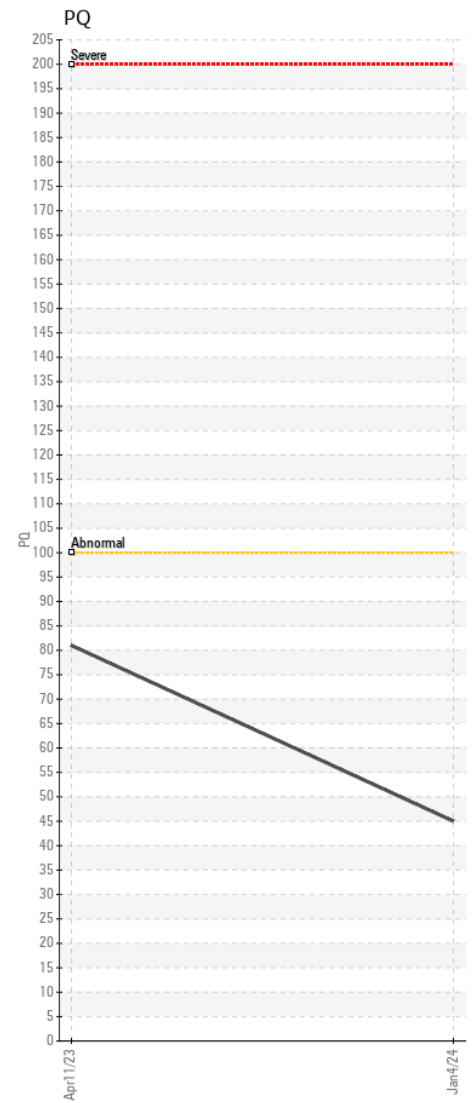
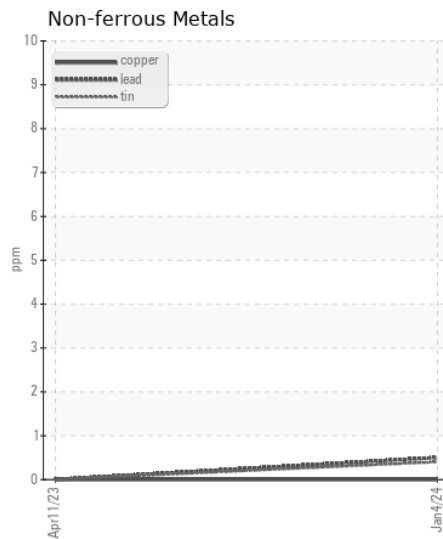
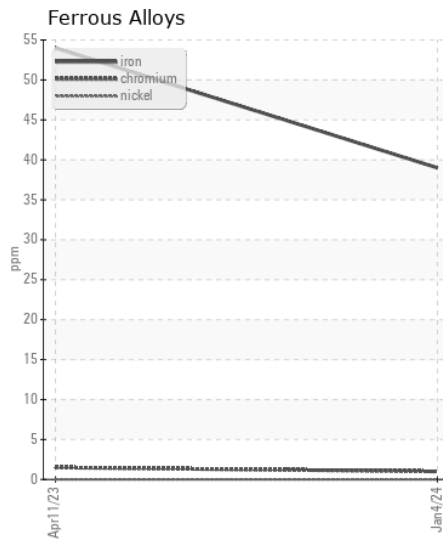
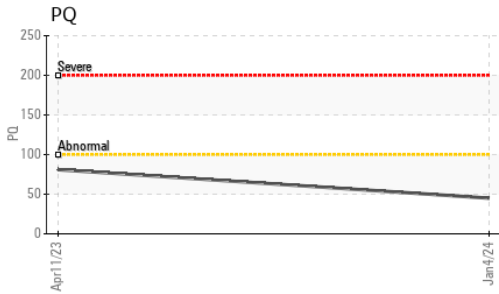
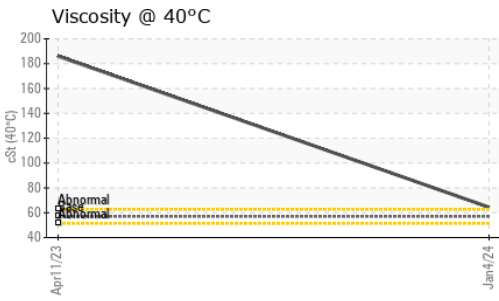
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m		9	11	---
Potassium	ppm	ASTM D5185m	>20	0	1	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<1	1	---
Boron	ppm	ASTM D5185m	6	24	79	---
Barium	ppm	ASTM D5185m	0	0	0	---
Molybdenum	ppm	ASTM D5185m	0	5	0	---
Manganese	ppm	ASTM D5185m		1	4	---
Magnesium	ppm	ASTM D5185m	145	113	2	---
Calcium	ppm	ASTM D5185m	3570	2968	25	---
Phosphorus	ppm	ASTM D5185m	1290	965	429	---
Zinc	ppm	ASTM D5185m	1640	1119	2	---
Sulfur	ppm	ASTM D5185m		4644	15978	---
Visc @ 40°C	cSt	ASTM D445	57.0	64.4	186	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0046546 **Received** : 09 Jan 2024
Lab Number : 06055599 **Diagnosed** : 12 Jan 2024
Unique Number : 10821548 **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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