



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
Store 4 - Fairmont
Machine Id
JOHN DEERE 672G 1DW672GXTHF682492
Component
Axle
Fluid
JOHN DEERE HY-GARD HYD/TRANS (10 GAL)

RECOMMENDATION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0044473	LEC0036554	LEC0026991
Sample Date		Client Info		15 Nov 2023	11 Nov 2022	24 Jan 2022
Machine Age	hrs	Client Info		3365	2769	2053
Oil Age	hrs	Client Info		596	716	2053
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Changed	Changed
Filter Changed		Client Info		None	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184		43	52	334
Iron	ppm	ASTM D5185m	>750	155	143	1101
Chromium	ppm	ASTM D5185m	>11	<1	<1	11
Nickel	ppm	ASTM D5185m	>10	0	0	<1
Titanium	ppm	ASTM D5185m		<1	0	<1
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m	>21	1	1	5
Lead	ppm	ASTM D5185m	>49	2	2	6
Copper	ppm	ASTM D5185m	>101	4	3	14
Tin	ppm	ASTM D5185m	>10	0	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	VLITE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

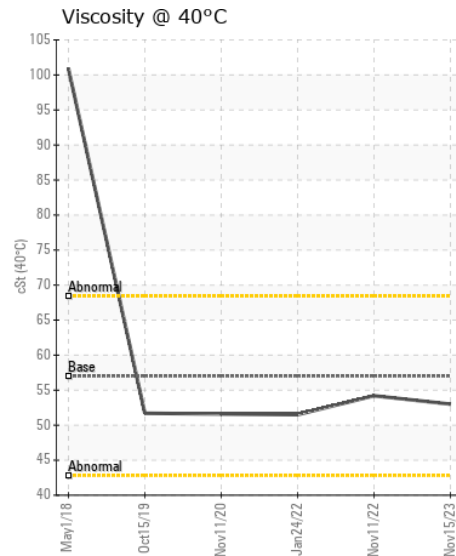
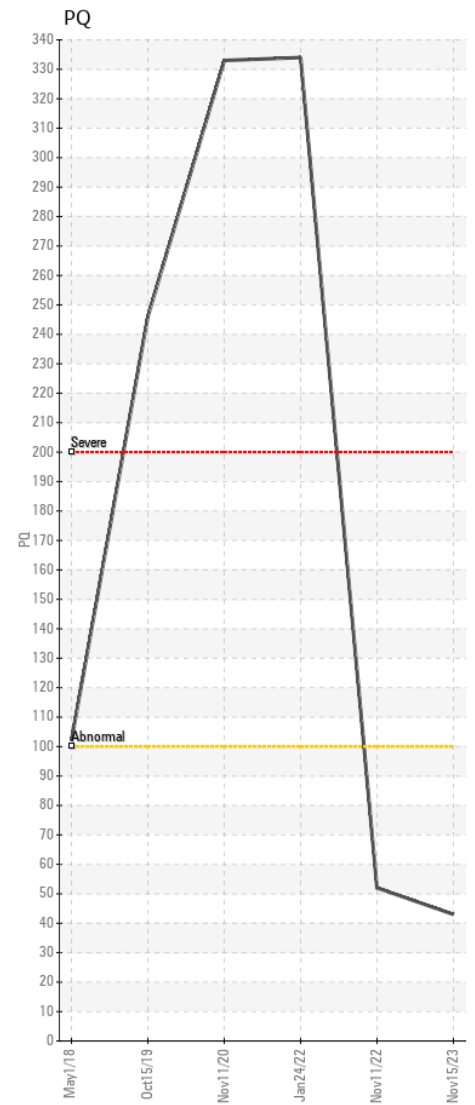
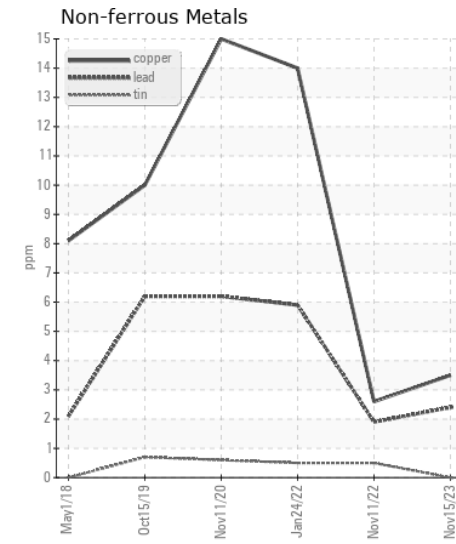
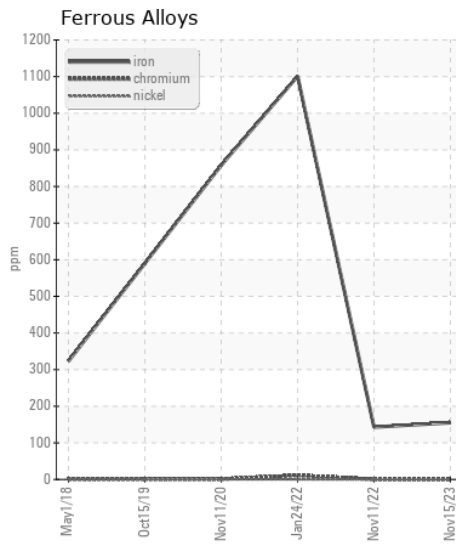
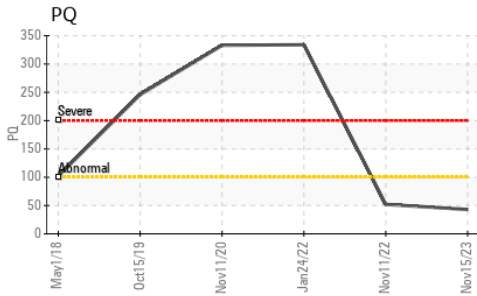
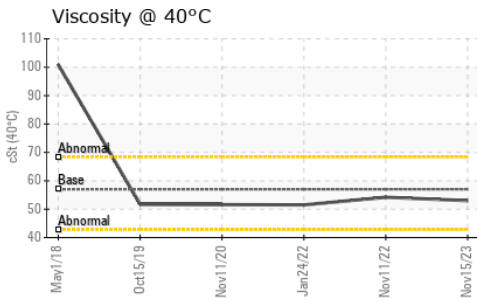
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	4	6	10
Potassium	ppm	ASTM D5185m	>20	2	0	<1
Water		WC Method	>0.1	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	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	0	<1	0
Boron	ppm	ASTM D5185m	6	3	5	4
Barium	ppm	ASTM D5185m	0	1	0	2
Molybdenum	ppm	ASTM D5185m	0	3	4	<1
Manganese	ppm	ASTM D5185m		2	2	12
Magnesium	ppm	ASTM D5185m	145	106	106	95
Calcium	ppm	ASTM D5185m	3570	3321	3300	3517
Phosphorus	ppm	ASTM D5185m	1290	1017	983	980
Zinc	ppm	ASTM D5185m	1640	1215	1180	1046
Sulfur	ppm	ASTM D5185m		3675	3822	3125
Visc @ 40°C	cSt	ASTM D445	57.0	53.0	54.2	51.5



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0044473 **Received** : 17 Nov 2023
Lab Number : 06011121 **Tested** : 19 Nov 2023
Unique Number : 10750265 **Diagnosed** : 08 Feb 2024 - 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)

LESLIE EQUIPMENT COMPANY
 105 TENNIS CENTER DR.
 MARIETTA, OH
 US 45750-9765
 Contact: LEANNE KENDALL
 KendalLeanne@lec1.com
 T:
 F: (740)373-5570