



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
Store 4 - Fairmont
Machine Id
JOHN DEERE 672G 1DW672GXTHF682492
Component
Right Tandem
Fluid
JOHN DEERE HY-GARD HYD/TRANS (20 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please note that this is a corrected copy for data entry updates for time on oil and filter.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0036557	LEC0016513	LEC0007846
Sample Date		Client Info		11 Nov 2022	11 Nov 2020	15 Oct 2019
Machine Age	hrs	Client Info		2769	1525	1021
Oil Age	hrs	Client Info		2769	1525	1021
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	ABNORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184		41	54	61
Iron	ppm	ASTM D5185m	>250	66	53	46
Chromium	ppm	ASTM D5185m	>11	<1	<1	<1
Nickel	ppm	ASTM D5185m	>5	0	0	<1
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>40	1	<1	<1
Lead	ppm	ASTM D5185m	>11	0	<1	<1
Copper	ppm	ASTM D5185m	>25	8	6	5
Tin	ppm	ASTM D5185m		<1	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	MODER	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

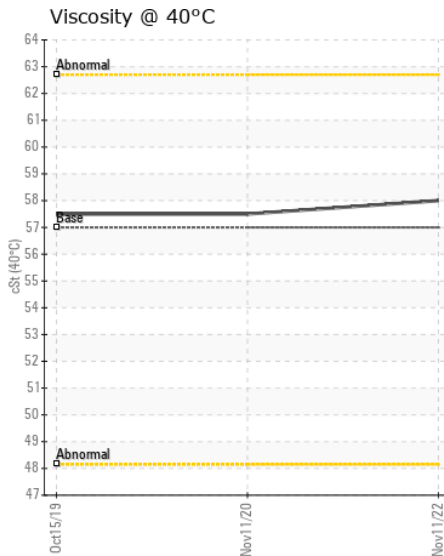
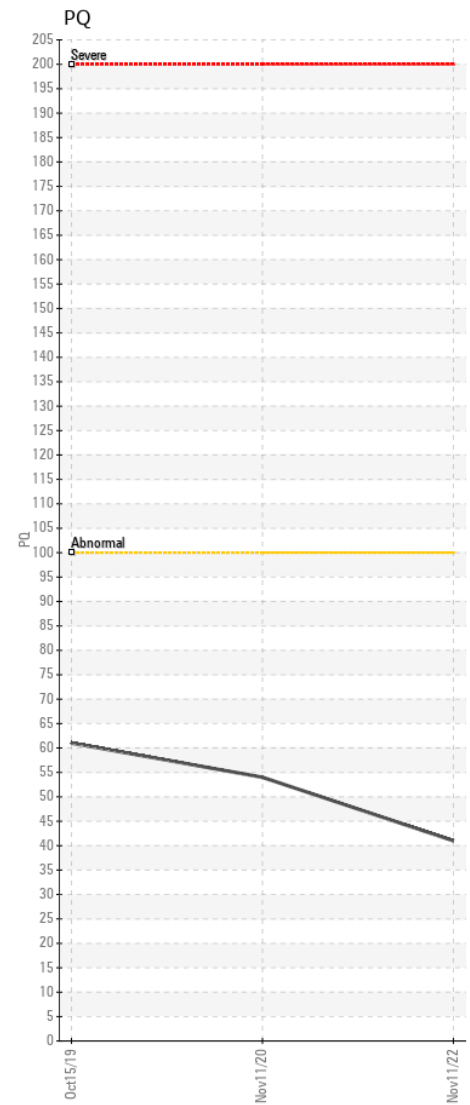
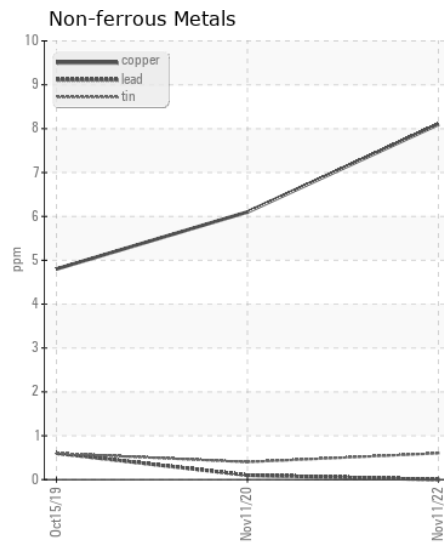
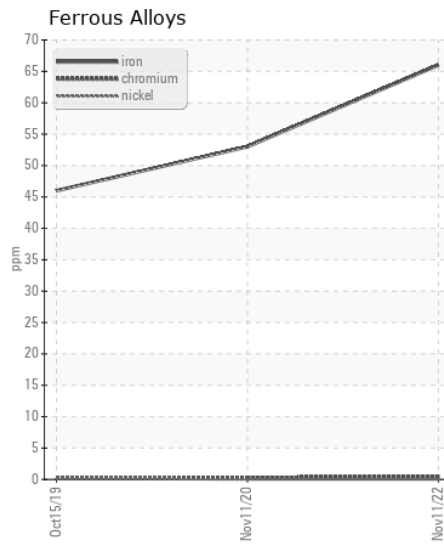
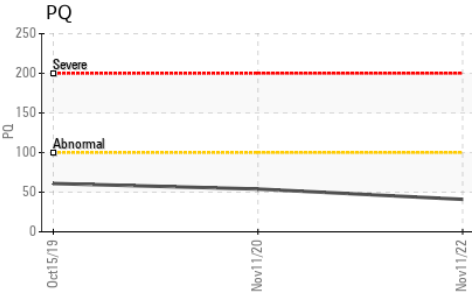
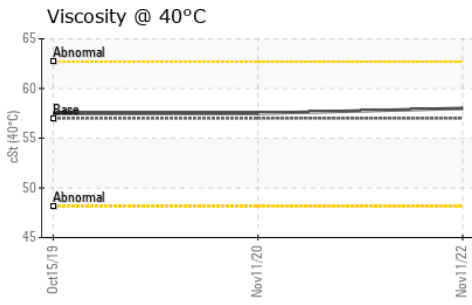
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>100	7	7	6
Potassium	ppm	ASTM D5185m	>20	0	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	0.2%

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>21	2	1	2
Boron	ppm	ASTM D5185m	6	2	3	1
Barium	ppm	ASTM D5185m	0	1	0	2
Molybdenum	ppm	ASTM D5185m	0	<1	<1	<1
Manganese	ppm	ASTM D5185m		1	<1	2
Magnesium	ppm	ASTM D5185m	145	96	104	105
Calcium	ppm	ASTM D5185m	3570	3499	3387	3667
Phosphorus	ppm	ASTM D5185m	1290	973	955	1073
Zinc	ppm	ASTM D5185m	1640	1199	1222	1208
Sulfur	ppm	ASTM D5185m		4083	2977	1781
Visc @ 40°C	cSt	ASTM D445	57.0	58.0	57.5	57.5



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0036557 **Received** : 15 Nov 2022
Lab Number : 05694269 **Tested** : 08 Feb 2024
Unique Number : 10218842 **Diagnosed** : 08 Feb 2024 - Doug Bogart
Test Package : CONST (Additional Tests: PQ)

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 MARIETTA, OH
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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)