



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 768L-II 1DW768LBCMF712062
 Component
Bogie/Center Right Tandem
 Fluid
JOHN DEERE GL-5 80W90 (16 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0177208	JR0161249	JR0110313
Sample Date		Client Info		17 May 2024	09 Feb 2024	12 Jan 2022
Machine Age	hrs	Client Info		4675	4470	502
Oil Age	hrs	Client Info		0	0	502
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Changed	Changed
Filter Changed		Client Info		Not Changd	Changed	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		25	15	32
Iron	ppm	ASTM D5185m	>250	31	4	16
Chromium	ppm	ASTM D5185m	>11	0	0	1
Nickel	ppm	ASTM D5185m	>5	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	0	0	<1
Lead	ppm	ASTM D5185m	>11	0	0	0
Copper	ppm	ASTM D5185m	>25	0	0	0
Tin	ppm	ASTM D5185m		0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

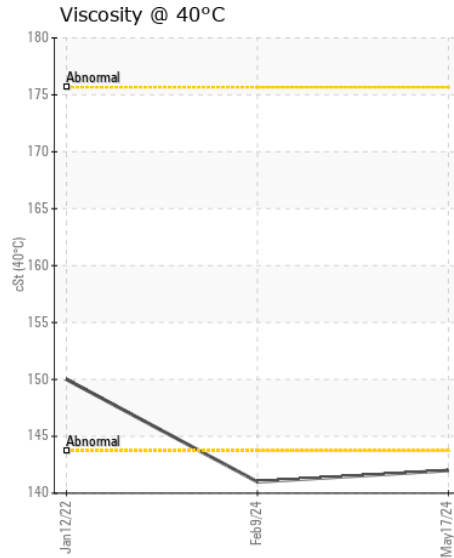
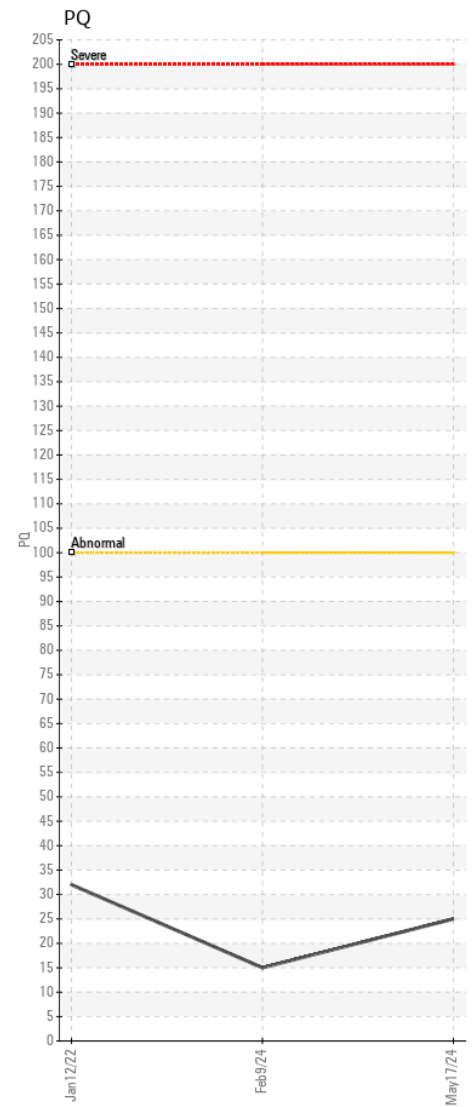
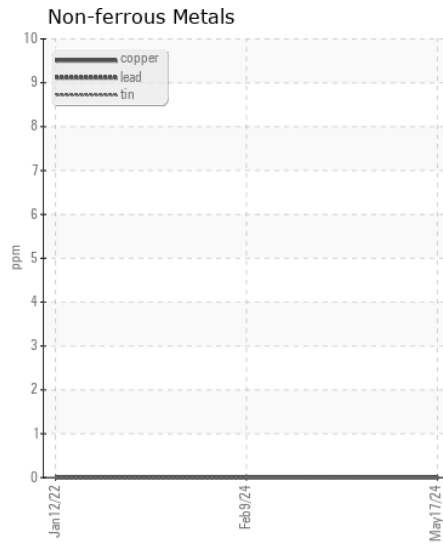
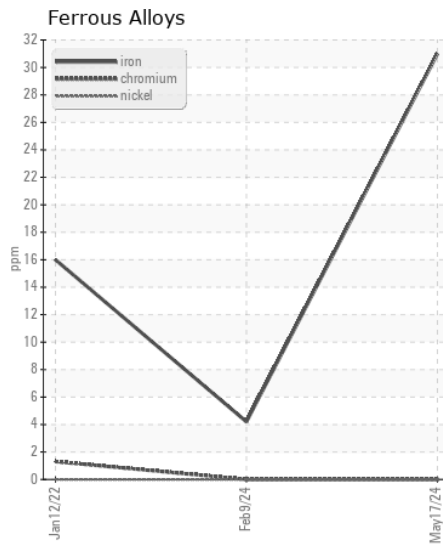
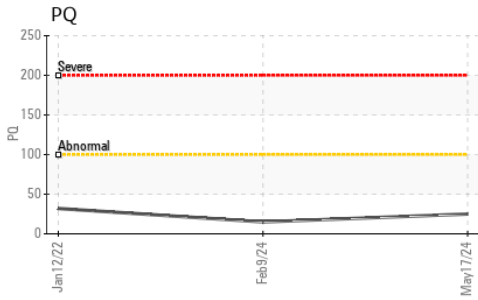
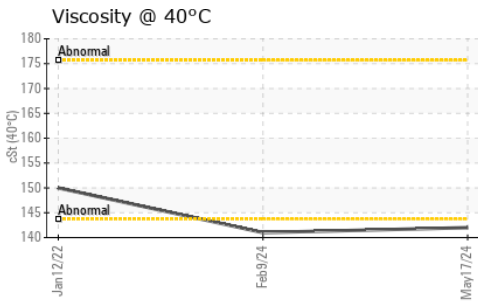
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>100	31	3	3
Potassium	ppm	ASTM D5185m	>20	0	0	0
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	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	>21	<1	0	1
Boron	ppm	ASTM D5185m		<1	2	500
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	<1
Manganese	ppm	ASTM D5185m		0	0	1
Magnesium	ppm	ASTM D5185m		6	8	793
Calcium	ppm	ASTM D5185m		111	56	28
Phosphorus	ppm	ASTM D5185m		313	305	1307
Zinc	ppm	ASTM D5185m		15	19	6
Sulfur	ppm	ASTM D5185m		20871	18758	23343
Visc @ 40°C	cSt	ASTM D445		142	141	150



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0177208 **Received** : 21 May 2024
Lab Number : 06186466 **Tested** : 22 May 2024
Unique Number : 11043218 **Diagnosed** : 23 May 2024 - Don Baldrige
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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