



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**JOHN DEERE 768L-II 1DW768LBCMF712062**

Component  
**Bogie/Center Left 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		<b>JR0177217</b>	JR0161250	JR0110317
Sample Date		Client Info		<b>12 May 2024</b>	09 Feb 2024	12 Jan 2022
Machine Age	hrs	Client Info		<b>4675</b>	4470	502
Oil Age	hrs	Client Info		<b>0</b>	0	502
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	Changed	Changed
Filter Changed		Client Info		<b>Not Changd</b>	Changed	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184		<b>25</b>	16	30
Iron	ppm	ASTM D5185m	>250	<b>22</b>	2	19
Chromium	ppm	ASTM D5185m	>11	<b>0</b>	0	1
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>40	<b>0</b>	0	1
Lead	ppm	ASTM D5185m	>11	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>25	<b>0</b>	0	<1
Tin	ppm	ASTM D5185m		<b>0</b>	0	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

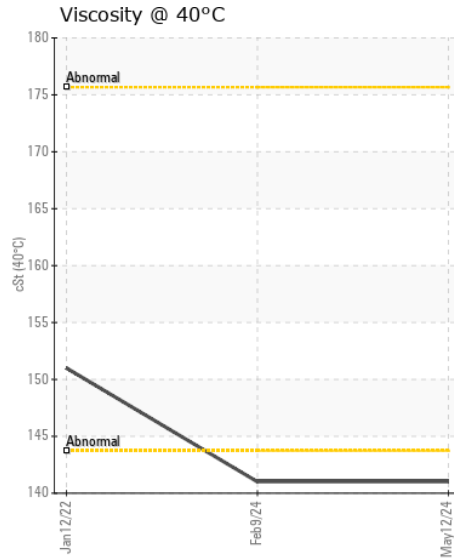
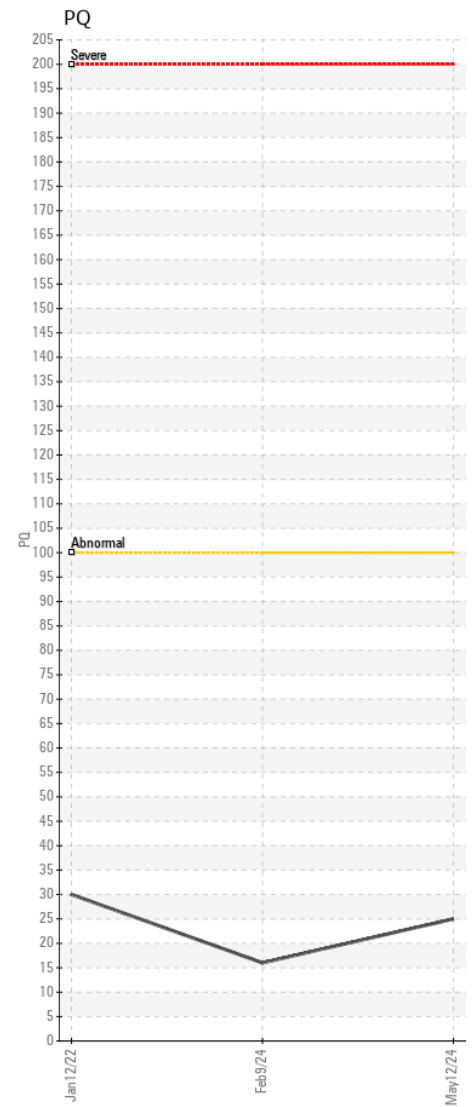
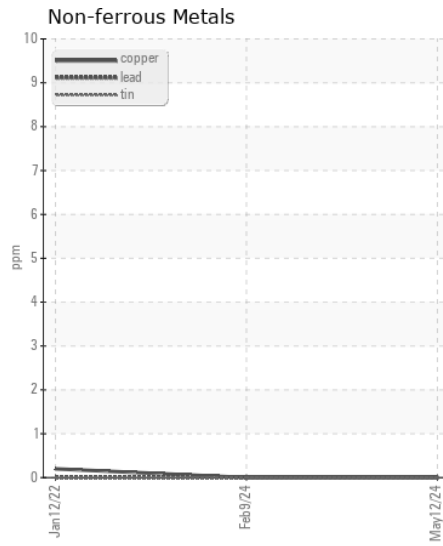
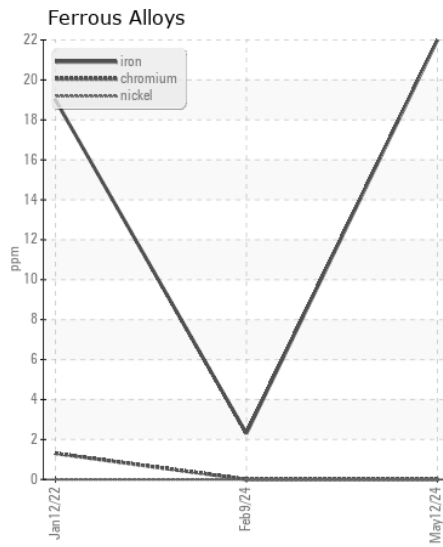
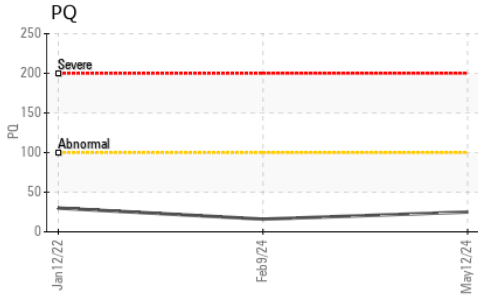
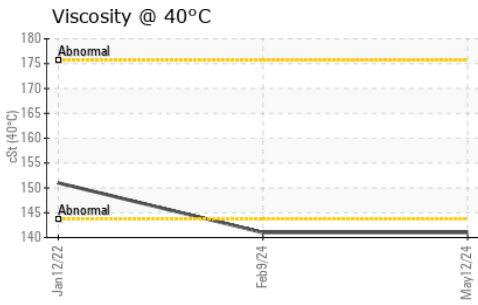
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>100	<b>30</b>	2	5
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	0	0
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>21	<b>&lt;1</b>	0	2
Boron	ppm	ASTM D5185m		<b>&lt;1</b>	0	500
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>0</b>	0	1
Magnesium	ppm	ASTM D5185m		<b>7</b>	3	780
Calcium	ppm	ASTM D5185m		<b>117</b>	8	71
Phosphorus	ppm	ASTM D5185m		<b>323</b>	318	1285
Zinc	ppm	ASTM D5185m		<b>20</b>	0	18
Sulfur	ppm	ASTM D5185m		<b>20962</b>	18710	23105
Visc @ 40°C	cSt	ASTM D445		<b>141</b>	141	151



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0177217 **Received** : 21 May 2024  
**Lab Number** : 06186426 **Tested** : 22 May 2024  
**Unique Number** : 11043178 **Diagnosed** : 23 May 2024 - Sean Felton  
**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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