



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

Machine Id  
**JOHN DEERE 200G 1FF200GXENF085252**  
 Component  
**Pump Drive**  
 Fluid  
**JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0198638</b>	JR0188544	JR0154026
Sample Date		Client Info		<b>04 Jan 2024</b>	27 Dec 2023	17 Feb 2023
Machine Age	hrs	Client Info		<b>939</b>	939	475
Oil Age	hrs	Client Info		<b>500</b>	939	475
Filter Age	hrs	Client Info		<b>0</b>	939	0
Oil Changed		Client Info		<b>Changed</b>	N/A	Not Changd
Filter Changed		Client Info		<b>Changed</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	ATTENTION

### WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		<b>25</b>	16	13
Iron	ppm	ASTM D5185m	>151	<b>89</b>	89	43
Chromium	ppm	ASTM D5185m	>11	<b>2</b>	2	1
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	0
Titanium	ppm	ASTM D5185m		<b>1</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>21	<b>6</b>	8	1
Lead	ppm	ASTM D5185m	>51	<b>&lt;1</b>	0	<1
Copper	ppm	ASTM D5185m	>51	<b>2</b>	<1	1
Tin	ppm	ASTM D5185m	>4	<b>0</b>	0	<1
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

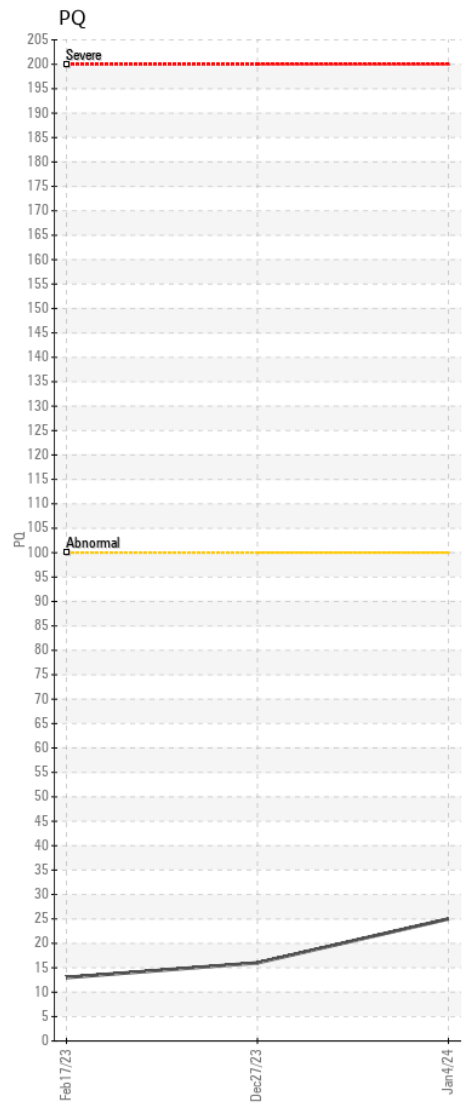
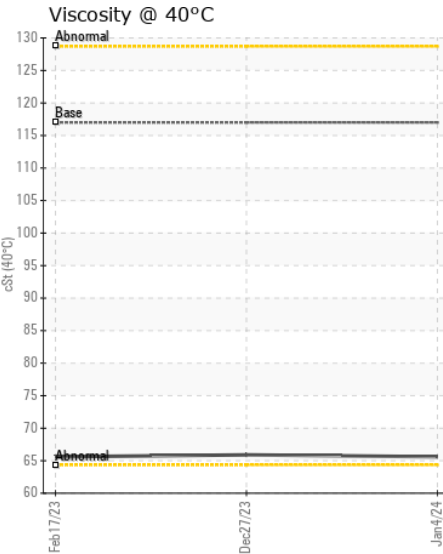
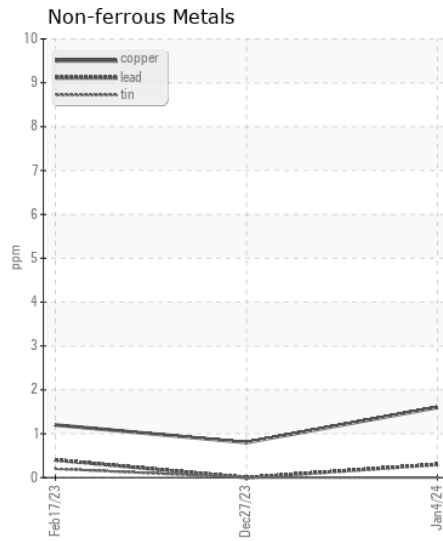
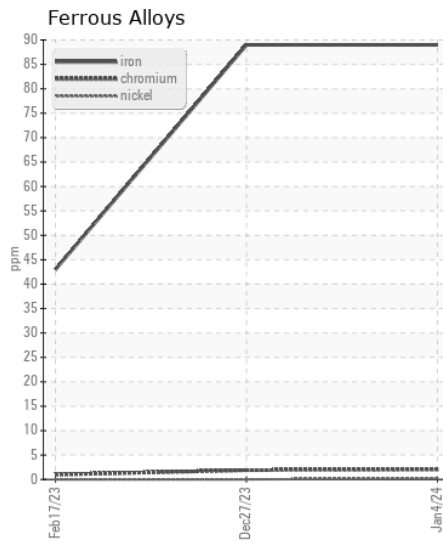
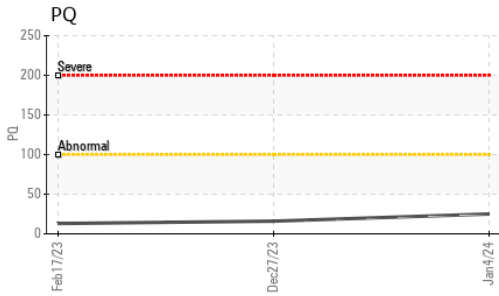
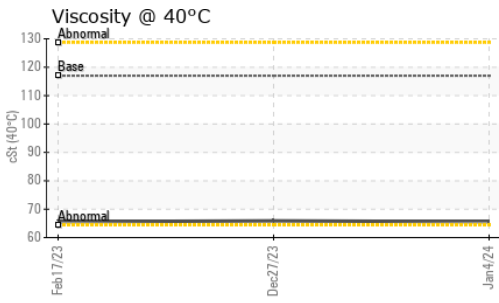
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	<b>23</b>	22	11
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	3	<1
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	>51	<b>0</b>	2	5
Boron	ppm	ASTM D5185m		<b>114</b>	117	▲ 67
Barium	ppm	ASTM D5185m		<b>13</b>	0	4
Molybdenum	ppm	ASTM D5185m		<b>145</b>	142	▲ 104
Manganese	ppm	ASTM D5185m		<b>3</b>	2	2
Magnesium	ppm	ASTM D5185m		<b>185</b>	184	▲ 17
Calcium	ppm	ASTM D5185m		<b>3670</b>	3506	▲ 3996
Phosphorus	ppm	ASTM D5185m		<b>1124</b>	1150	1100
Zinc	ppm	ASTM D5185m		<b>1314</b>	1318	▲ 1253
Sulfur	ppm	ASTM D5185m		<b>8441</b>	8879	▲ 9381
Visc @ 40°C	cSt	ASTM D445	117	<b>65.6</b>	65.9	65.6



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
 Sample No. : JR0198638 Recieved : 08 Jan 2024  
 Lab Number : 06054283 Diagnosed : 09 Jan 2024  
 Unique Number : 10820232 Diagnostician : 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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