



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

Area

[44089]

Machine Id

JOHN DEERE 1FF350PACNF000226

Component

Pump Drive

Fluid

JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (1 QTS)

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0199330</b>	JR0187481	JR0176233
Sample Date		Client Info		<b>09 Jan 2024</b>	27 Sep 2023	10 Jul 2023
Machine Age	hrs	Client Info		<b>1483</b>	972	458
Oil Age	hrs	Client Info		<b>1483</b>	972	458
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	Not Changd
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	ABNORMAL	ABNORMAL

### WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		<b>16</b>	16	18
Iron	ppm	ASTM D5185m	>151	<b>45</b>	77	55
Chromium	ppm	ASTM D5185m	>11	<b>&lt;1</b>	2	1
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>21	<b>2</b>	4	2
Lead	ppm	ASTM D5185m	>51	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>51	<b>&lt;1</b>	2	<1
Tin	ppm	ASTM D5185m	>4	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	LIGHT	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

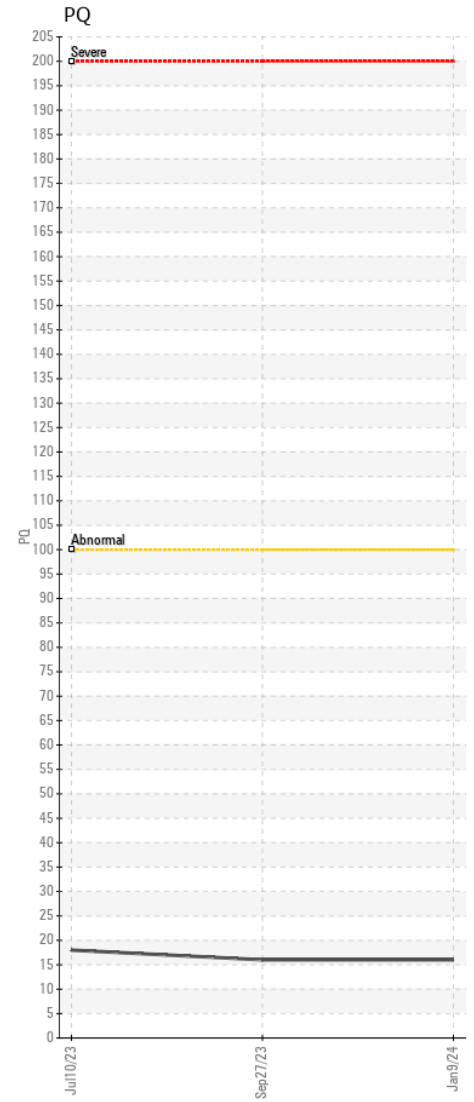
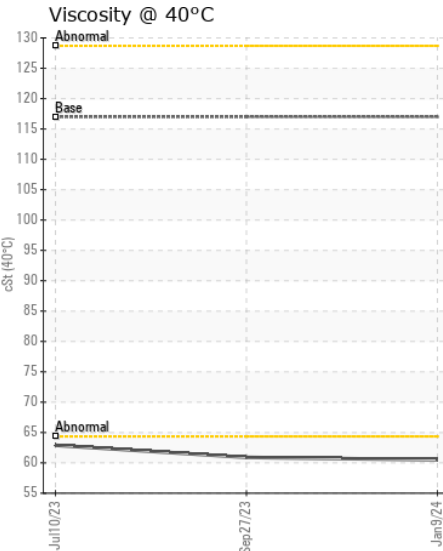
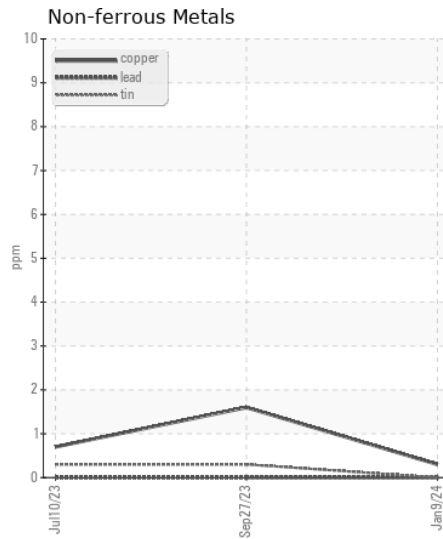
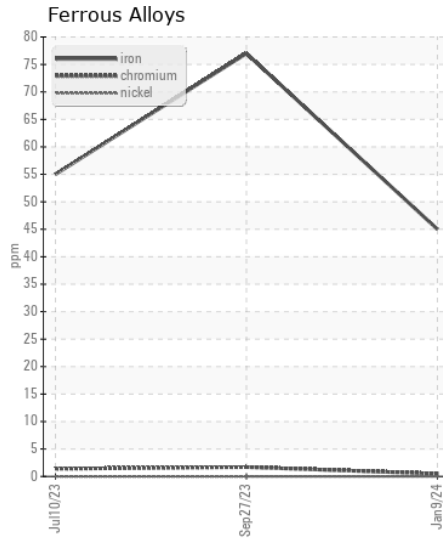
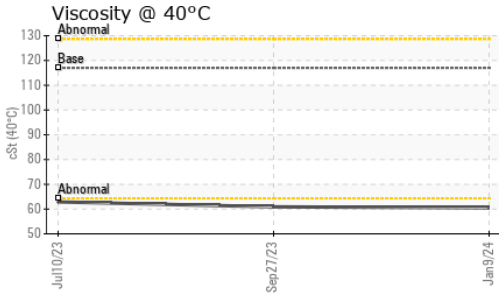
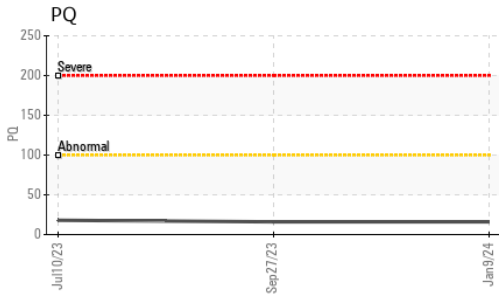
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	<b>19</b>	▲ 93	▲ 95
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	3	3
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>2</b>	0	0
Boron	ppm	ASTM D5185m		<b>170</b>	69	62
Barium	ppm	ASTM D5185m		<b>0</b>	2	2
Molybdenum	ppm	ASTM D5185m		<b>153</b>	118	113
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	6	5
Magnesium	ppm	ASTM D5185m		<b>529</b>	15	14
Calcium	ppm	ASTM D5185m		<b>2192</b>	4286	4307
Phosphorus	ppm	ASTM D5185m		<b>1009</b>	1267	1243
Zinc	ppm	ASTM D5185m		<b>1107</b>	1434	1361
Sulfur	ppm	ASTM D5185m		<b>4033</b>	11107	9400
Visc @ 40°C	cSt	ASTM D445	117	<b>60.5</b>	60.9	62.9



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0199330 **Received** : 17 Jan 2024  
**Lab Number** : 06063823 **Diagnosed** : 20 Jan 2024  
**Unique Number** : 10835205 **Diagnostician** : Don Baldrige  
**Test Package** : CONST ( Additional Tests: PQ )

**CWS-STRITTMATTER**  
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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)