



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



Area  
**[W8881]**  
 Machine Id  
**JOHN DEERE 750K 1T0750KXPHF317888**  
 Component  
**Hydrostatic**  
 Fluid  
**JOHN DEERE HYDRAU (30 GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor. ( Customer Sample Comment: W8881 )

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0196879</b>	JR0183207	JR0140960
Sample Date		Client Info		<b>09 May 2024</b>	28 Nov 2023	20 Jun 2023
Machine Age	hrs	Client Info		<b>5507</b>	5016	4592
Oil Age	hrs	Client Info		<b>4499</b>	4432	584
Filter Age	hrs	Client Info		<b>0</b>	0	584
Oil Changed		Client Info		<b>Not Chngd</b>	Not Chngd	Not Chngd
Filter Changed		Client Info		<b>Not Chngd</b>	Not Chngd	Not Chngd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
Iron	ppm	ASTM D5185m	>31	<b>6</b>	3	4
Chromium	ppm	ASTM D5185m	>9	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	0	<1
Titanium	ppm	ASTM D5185m		<b>0</b>	0	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Lead	ppm	ASTM D5185m	>11	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>41	<b>4</b>	3	3
Tin	ppm	ASTM D5185m	>5	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

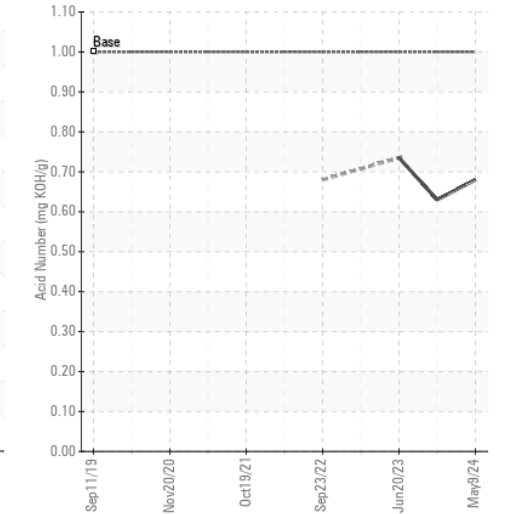
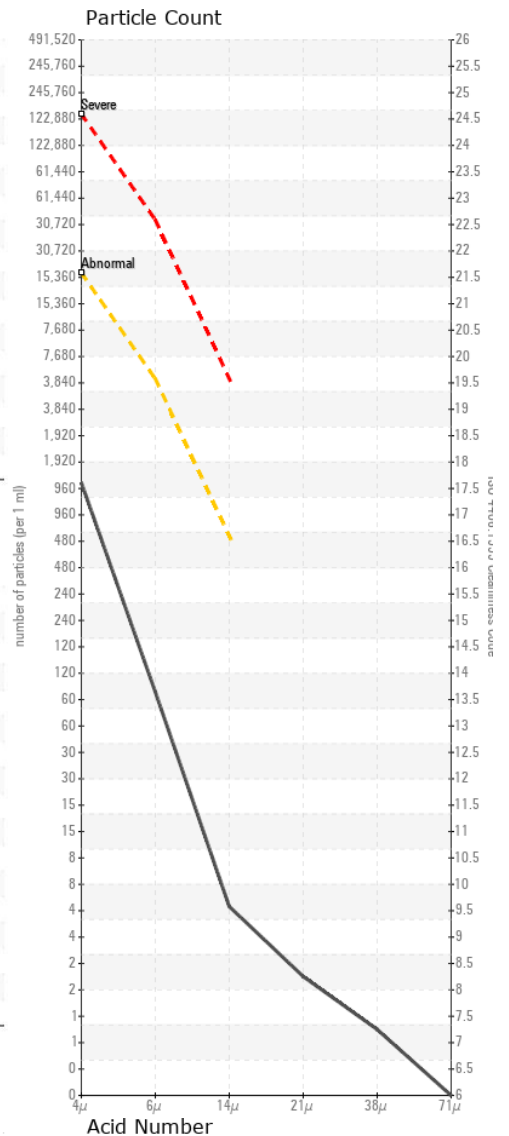
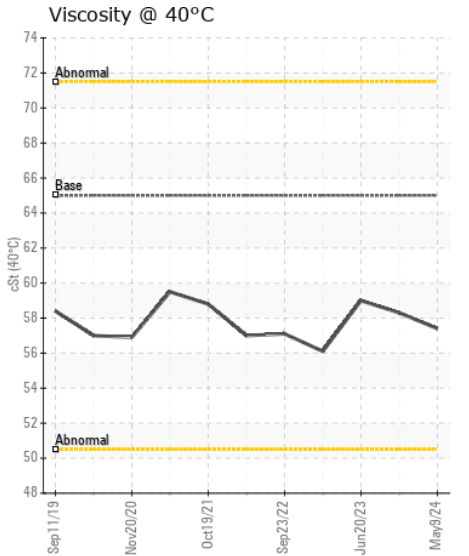
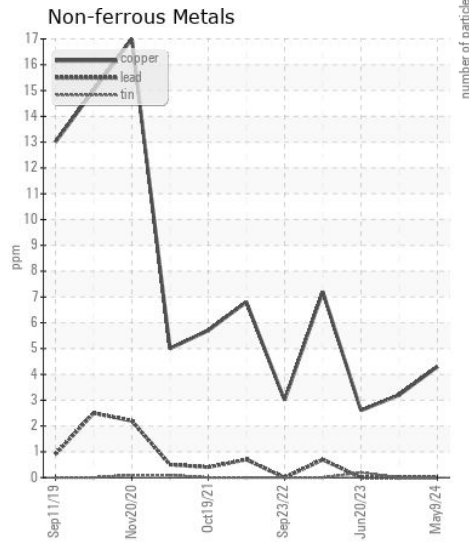
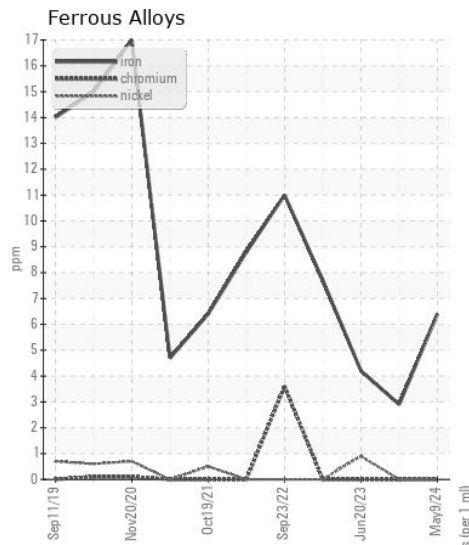
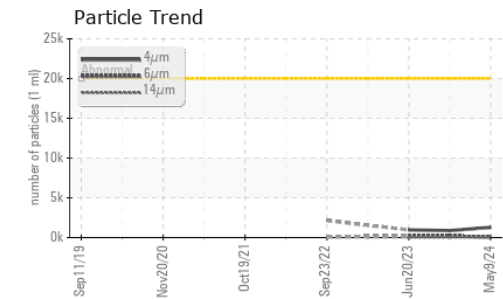
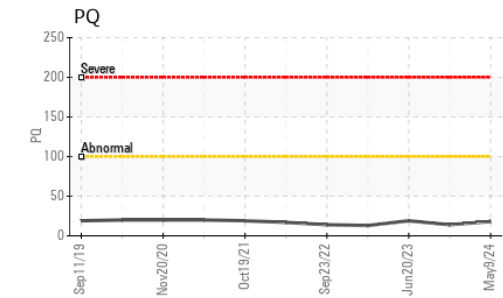
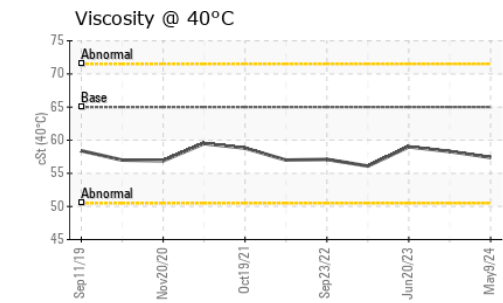
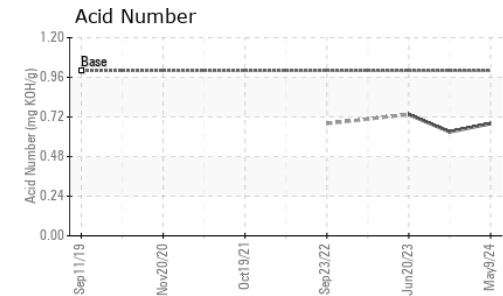
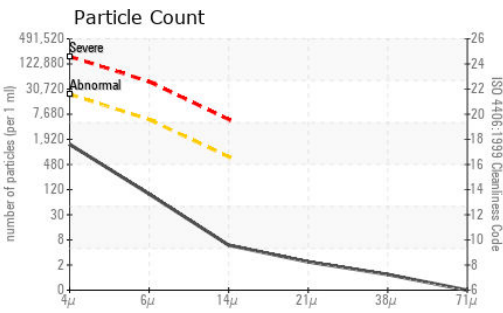
There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

Silicon	ppm	ASTM D5185m	>31	<b>&lt;1</b>	0	<1
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	<1	2
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Particles >4µm		ASTM D7647	>20000	<b>1284</b>	876	961
Particles >6µm		ASTM D7647	>5000	<b>83</b>	189	199
Particles >14µm		ASTM D7647	>640	<b>5</b>	26	18
Particles >21µm		ASTM D7647	>160	<b>2</b>	9	12
Particles >38µm		ASTM D7647	>40	<b>1</b>	0	1
Particles >71µm		ASTM D7647	>10	<b>0</b>	0	0
Oil Cleanliness		ISO 4406 (c)	>21/19/16	<b>17/14/10</b>	17/15/12	17/15/11
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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m	>21	<b>1</b>	<1	<1
Boron	ppm	ASTM D5185m		<b>10</b>	5	10
Barium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>9</b>	8	10
Manganese	ppm	ASTM D5185m		<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185m		<b>29</b>	32	33
Calcium	ppm	ASTM D5185m	87	<b>185</b>	128	148
Phosphorus	ppm	ASTM D5185m	727	<b>598</b>	609	661
Zinc	ppm	ASTM D5185m	900	<b>773</b>	798	874
Sulfur	ppm	ASTM D5185m	1500	<b>1731</b>	1578	2071
Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	<b>0.68</b>	0.63	0.735
Visc @ 40°C	cSt	ASTM D445	65	<b>57.4</b>	58.3	59.0



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0196879 **Received** : 10 May 2024  
**Lab Number** : 06175737 **Tested** : 16 May 2024  
**Unique Number** : 11021790 **Diagnosed** : 16 May 2024 - Sean Felton  
**Test Package** : MOBCE ( Additional Tests: PQ, PRTCOUNT )

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)

**JRE - HOPE MILLS/FAYETTEVILLE**  
 5039 HWY 301 SOUTH  
 HOPE MILLS, NC  
 US 28348

Contact: FAYETTEVILLE SHOP  
 stephen.mullis@jamesriverequipment.com; panastasio@wearcheck.com

T:  
 F: