



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



Area  
**[W8881]**  
 Machine Id  
**JOHN DEERE 750K 1T0750KXPHF317888**  
 Component  
**Right Inner Final Drive**  
 Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (4 GAL)**

### RECOMMENDATION

( Customer Sample Comment: W8881 )

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0197000</b>	JR0183205	JR0140961
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>491</b>	4432	584
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	Changed	Not Changd
Filter Changed		Client Info		<b>N/A</b>	N/A	Not Changd
Sample Status				<b>NORMAL</b>	ATTENTION	NORMAL

### WEAR

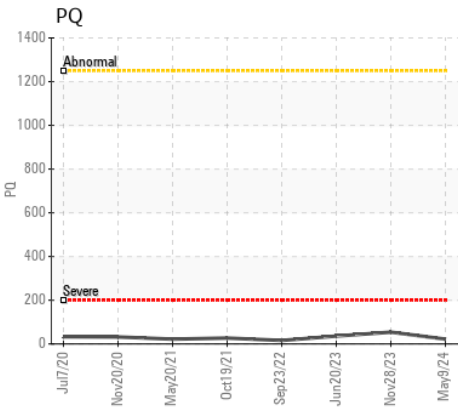
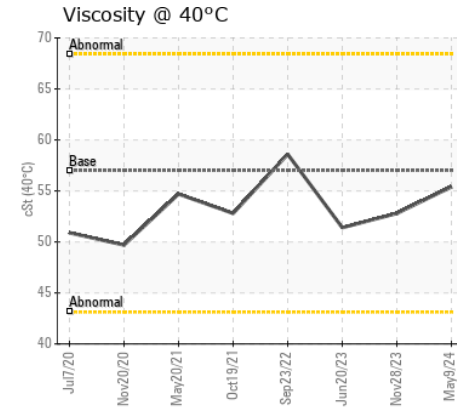
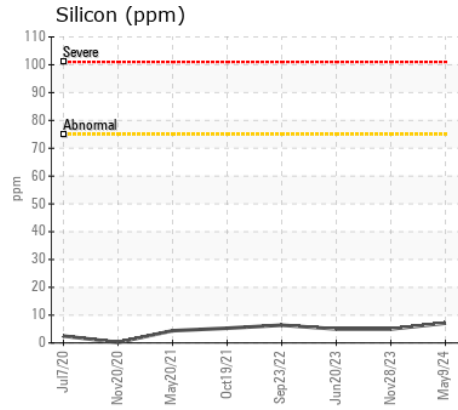
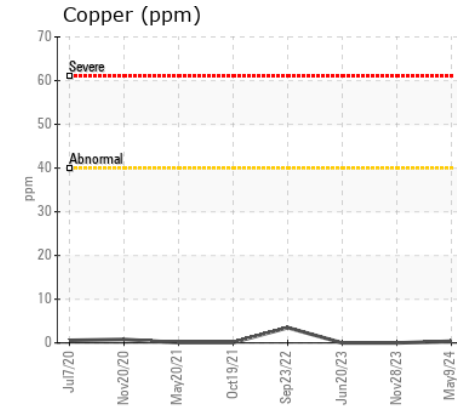
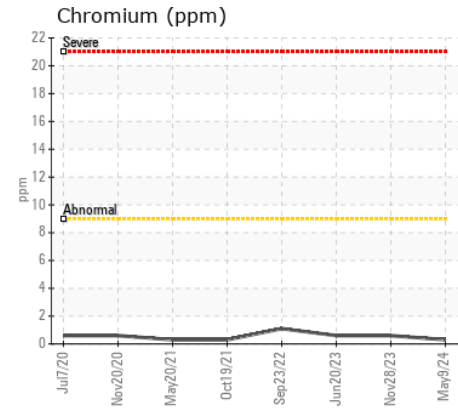
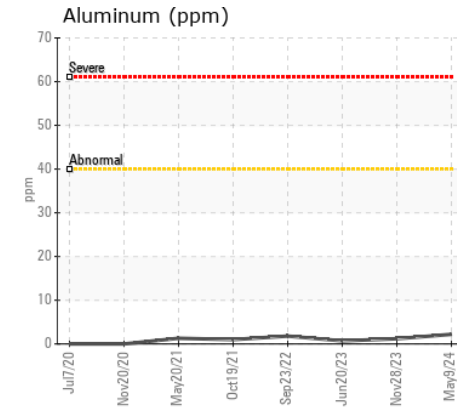
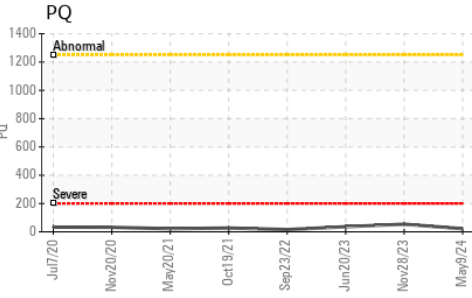
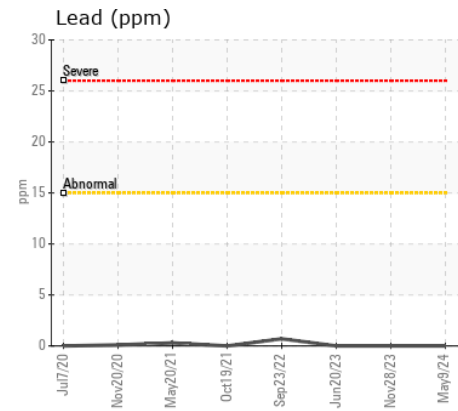
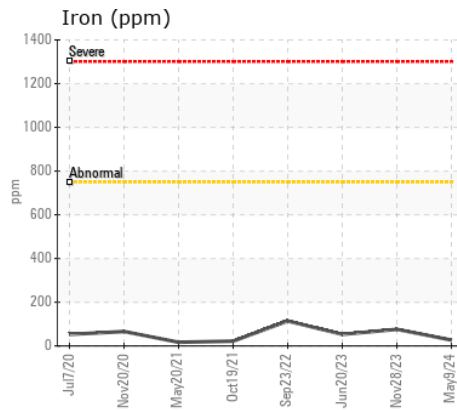
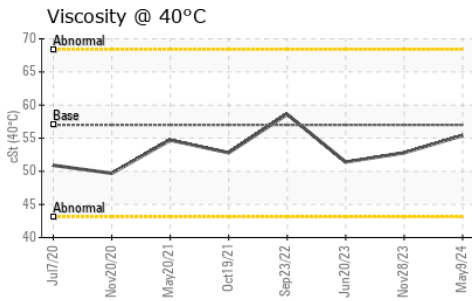
PQ		ASTM D8184	>1250	<b>22</b>	54	36
Iron	ppm	ASTM D5185m	>750	<b>27</b>	76	53
Chromium	ppm	ASTM D5185m	>9	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	<1	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>40	<b>2</b>	1	<1
Lead	ppm	ASTM D5185m	>15	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>40	<b>&lt;1</b>	0	0
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

Silicon	ppm	ASTM D5185m	>75	<b>7</b>	5	5
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	2	4
Water		WC Method	>0.075	<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	>0.075	<b>NEG</b>	0.2%	NEG

### FLUID CONDITION

Sodium	ppm	ASTM D5185m	>51	<b>0</b>	0	2
Boron	ppm	ASTM D5185m	6	<b>0</b>	3	1
Barium	ppm	ASTM D5185m	0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>&lt;1</b>	0	1
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	1	<1
Magnesium	ppm	ASTM D5185m	145	<b>98</b>	112	103
Calcium	ppm	ASTM D5185m	3570	<b>3531</b>	3700	3508
Phosphorus	ppm	ASTM D5185m	1290	<b>1168</b>	1124	1043
Zinc	ppm	ASTM D5185m	1640	<b>1260</b>	1394	1301
Sulfur	ppm	ASTM D5185m		<b>3922</b>	3868	4388
Visc @ 40°C	cSt	ASTM D445	57.0	<b>55.4</b>	52.8	51.4



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0197000 **Received** : 10 May 2024  
**Lab Number** : 06175811 **Tested** : 13 May 2024  
**Unique Number** : 11021864 **Diagnosed** : 14 May 2024 - Sean Felton  
**Test Package** : MOBCE ( Additional Tests: PQ )

**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:

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)