



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

Area  
**[W52886 VEOLIA]**  
 Machine Id  
**JOHN DEERE 544 P 1DW544PAVNLZ14234**  
 Component  
**Transmission (Manual)**  
 Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0224489</b>	JR0165835	JR0147547
Sample Date		Client Info		<b>03 Jul 2024</b>	27 Apr 2023	10 Oct 2022
Machine Age	hrs	Client Info		<b>1943</b>	958	468
Oil Age	hrs	Client Info		<b>0</b>	0	468
Filter Age	hrs	Client Info		<b>0</b>	0	468
Oil Changed		Client Info		<b>Changed</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>Changed</b>	Not Changd	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>95	<b>17</b>	18	12
Iron	ppm	ASTM D5185m	>200	<b>30</b>	22	17
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	1
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	<1	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Silver	ppm	ASTM D5185m	>7	<b>&lt;1</b>	<1	1
Aluminum	ppm	ASTM D5185m	>25	<b>2</b>	1	<1
Lead	ppm	ASTM D5185m	>45	<b>&lt;1</b>	0	1
Copper	ppm	ASTM D5185m	>225	<b>9</b>	6	5
Tin	ppm	ASTM D5185m	>10	<b>0</b>	0	1
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

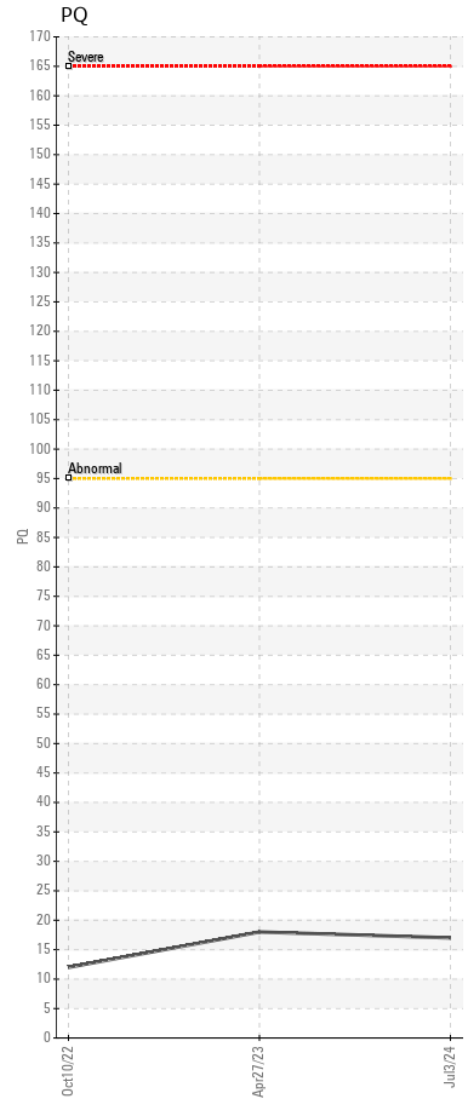
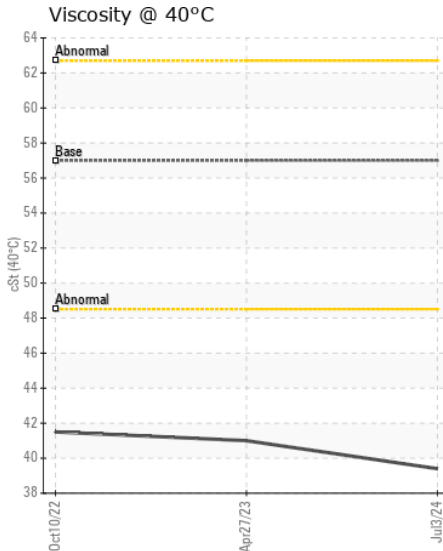
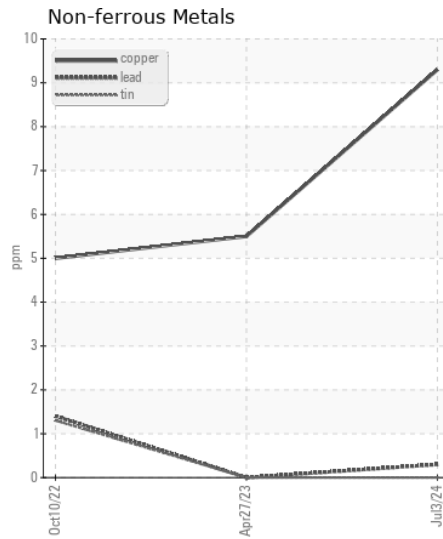
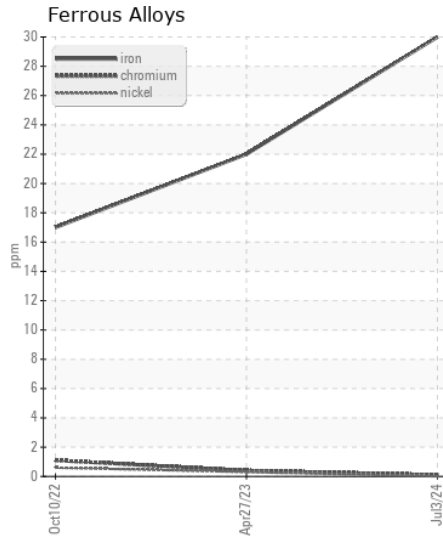
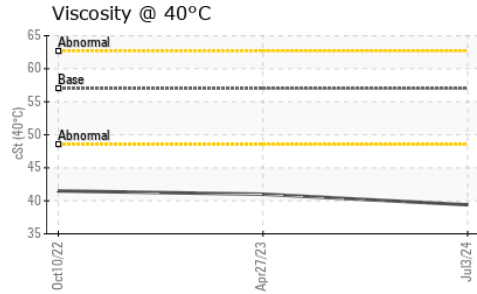
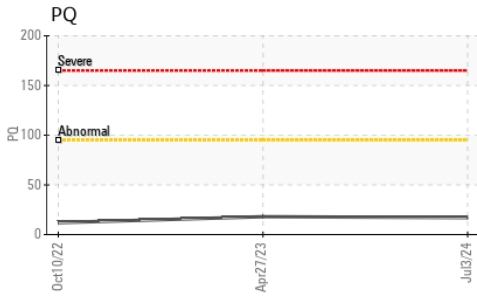
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	<b>13</b>	13	14
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	1	<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 fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<b>28</b>	33	33
Boron	ppm	ASTM D5185m	6	<b>1</b>	2	0
Barium	ppm	ASTM D5185m	0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>2</b>	2	3
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	1	2
Magnesium	ppm	ASTM D5185m	145	<b>84</b>	89	81
Calcium	ppm	ASTM D5185m	3570	<b>3228</b>	3180	3198
Phosphorus	ppm	ASTM D5185m	1290	<b>1064</b>	1057	1008
Zinc	ppm	ASTM D5185m	1640	<b>1258</b>	1285	1223
Sulfur	ppm	ASTM D5185m		<b>3586</b>	4409	4040
Visc @ 40°C	cSt	ASTM D445	57.0	<b>39.4</b>	41.0	41.5



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0224489 **Received** : 11 Jul 2024  
**Lab Number** : 06234054 **Tested** : 12 Jul 2024  
**Unique Number** : 11122888 **Diagnosed** : 14 Jul 2024 - Don Baldrige  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - ASHLAND**  
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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)