



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

Machine Id  
**JOHN DEERE 844L 1DW844LXEKF697338**

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>JR0225306</b>	JR0214748	JR0190189
Sample Date		Client Info		<b>08 Jul 2024</b>	01 May 2024	24 Oct 2023
Machine Age	hrs	Client Info		<b>8488</b>	7980	7483
Oil Age	hrs	Client Info		<b>508</b>	6458	1500
Filter Age	hrs	Client Info		<b>0</b>	0	1500
Oil Changed		Client Info		<b>Not Changd</b>	Changed	Not Changd
Filter Changed		Client Info		<b>Not Changd</b>	Changed	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>95	<b>18</b>	23	16
Iron	ppm	ASTM D5185m	>200	<b>20</b>	26	35
Chromium	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	0
Silver	ppm	ASTM D5185m	>7	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>&lt;1</b>	<1	<1
Lead	ppm	ASTM D5185m	>45	<b>0</b>	0	<1
Copper	ppm	ASTM D5185m	>225	<b>2</b>	3	5
Tin	ppm	ASTM D5185m	>10	<b>0</b>	<1	<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 fluid.

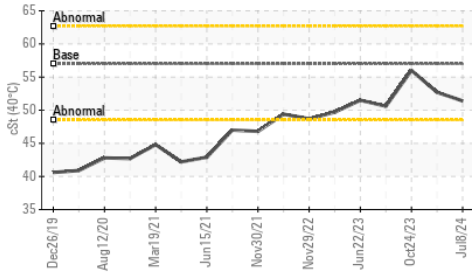
Silicon	ppm	ASTM D5185m	>125	<b>4</b>	6	4
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	0	0
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<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

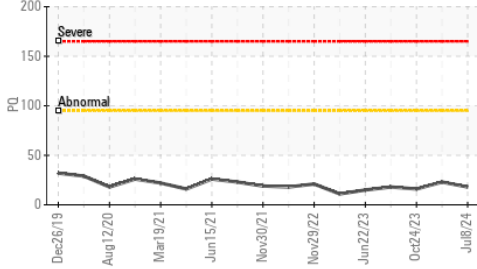
The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<b>3</b>	<1	2
Boron	ppm	ASTM D5185m	6	<b>6</b>	7	3
Barium	ppm	ASTM D5185m	0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>4</b>	2	3
Manganese	ppm	ASTM D5185m		<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185m	145	<b>79</b>	53	80
Calcium	ppm	ASTM D5185m	3570	<b>2950</b>	2539	2244
Phosphorus	ppm	ASTM D5185m	1290	<b>1003</b>	969	821
Zinc	ppm	ASTM D5185m	1640	<b>1111</b>	1115	1143
Sulfur	ppm	ASTM D5185m		<b>3630</b>	3469	2839
Visc @ 40°C	cSt	ASTM D445	57.0	<b>51.4</b>	52.7	56.0

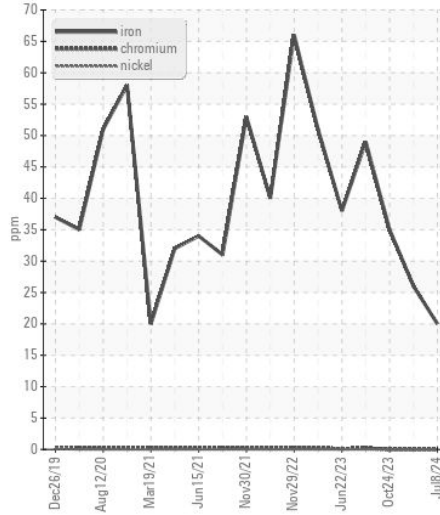
Viscosity @ 40°C



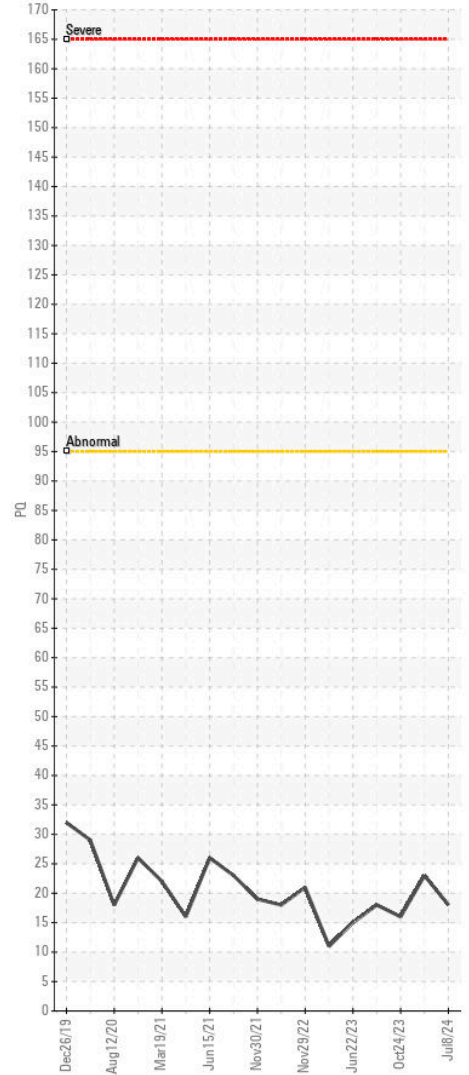
PQ



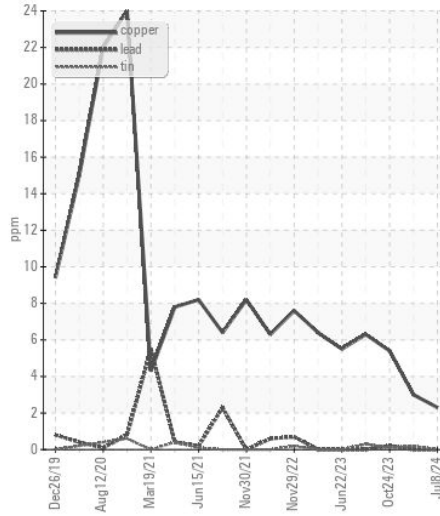
Ferrous Alloys



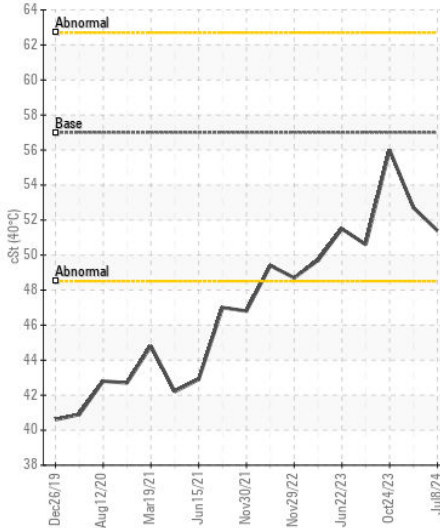
PQ



Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0225306 **Received** : 09 Jul 2024  
**Lab Number** : 06231627 **Tested** : 10 Jul 2024  
**Unique Number** : 11115120 **Diagnosed** : 10 Jul 2024 - Wes Davis  
**Test Package** : CONST ( Additional Tests: PQ )

**SUPERIOR PAVING CORP**  
 5551 WELLINGTON RD  
 GAINESVILLE, VA  
 US 20155  
 Contact: TOM ECKLER  
 tomeckler@superiorpaving.net  
 T: (703)631-0004  
 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)