



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[05W47401]

Machine Id

JOHN DEERE 844L 1DW844LXCMF709489

Component

Transmission (Manual)

Fluid

JOHN DEERE HY-GARD HYD/TRANS (29 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0218652	JR0192427	JR0187644
Sample Date		Client Info		12 Jun 2024	29 Nov 2023	29 Sep 2023
Machine Age	hrs	Client Info		5486	4951	4506
Oil Age	hrs	Client Info		1500	1000	475
Filter Age	hrs	Client Info		1500	1000	475
Oil Changed		Client Info		Not Changed	Not Changed	Not Changed
Filter Changed		Client Info		Not Changed	Not Changed	Not Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>95	22	18	20
Iron	ppm	ASTM D5185m	>200	49	49	46
Chromium	ppm	ASTM D5185m	>5	0	0	0
Nickel	ppm	ASTM D5185m	>5	0	0	0
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m	>7	0	0	0
Aluminum	ppm	ASTM D5185m	>25	1	<1	<1
Lead	ppm	ASTM D5185m	>45	0	<1	<1
Copper	ppm	ASTM D5185m	>225	8	9	8
Tin	ppm	ASTM D5185m	>10	0	0	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

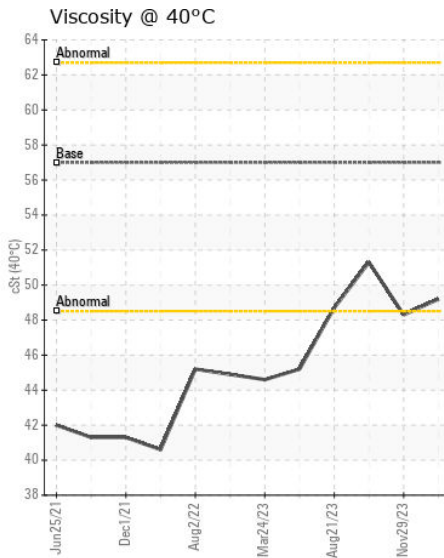
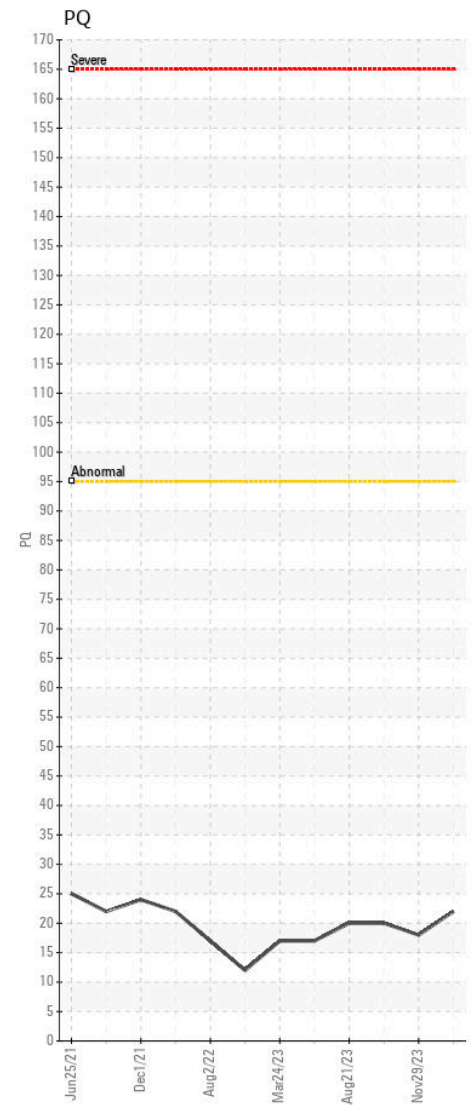
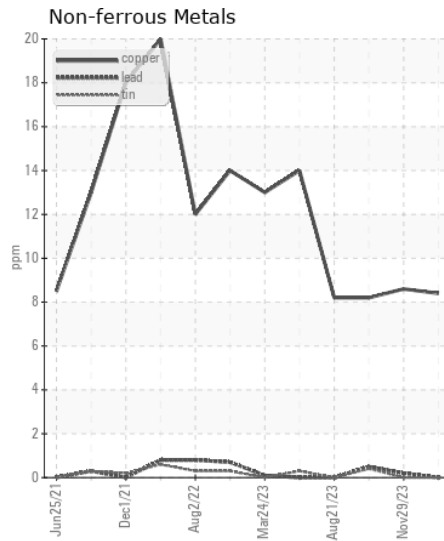
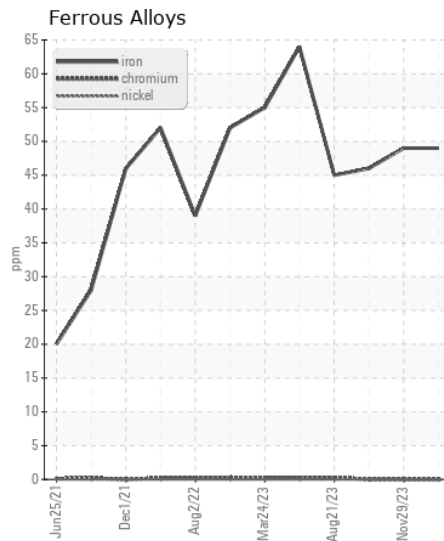
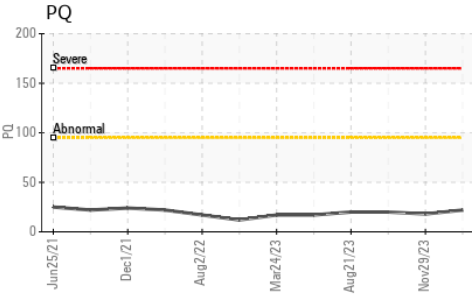
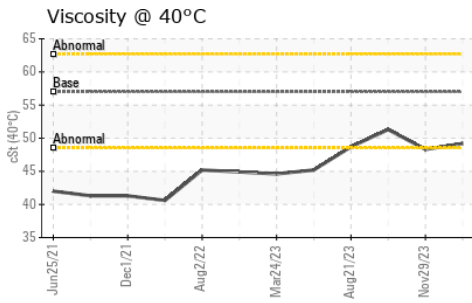
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	7	7	8
Potassium	ppm	ASTM D5185m	>20	<1	0	0
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		7	6	6
Boron	ppm	ASTM D5185m	6	4	2	5
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	2	2	2
Manganese	ppm	ASTM D5185m		<1	0	<1
Magnesium	ppm	ASTM D5185m	145	96	103	103
Calcium	ppm	ASTM D5185m	3570	3299	3277	3179
Phosphorus	ppm	ASTM D5185m	1290	1016	1099	992
Zinc	ppm	ASTM D5185m	1640	1196	1374	1228
Sulfur	ppm	ASTM D5185m		3875	3675	3625
Visc @ 40°C	cSt	ASTM D445	57.0	49.2	48.3	51.3



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0218652 **Received** : 14 Jun 2024
Lab Number : 06210920 **Tested** : 17 Jun 2024
Unique Number : 11083784 **Diagnosed** : 17 Jun 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

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)

SUPERIOR PAVING CORP
 5551 WELLINGTON RD
 GAINESVILLE, VA
 US 20155

Contact: TOM ECKLER
 tomeckler@superiorpaving.net

T: (703)631-0004

F: