



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 844L 1DW844LXANL715628
 Component
Brake
 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		WE0007503	WE0005386	WE0003945
Sample Date		Client Info		11 Jun 2024	13 Nov 2023	21 Mar 2023
Machine Age	hrs	Client Info		4989	3525	1508
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		N/A	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184		35	40	21
Iron	ppm	ASTM D5185m	>350	130	140	85
Chromium	ppm	ASTM D5185m	>5	0	<1	<1
Nickel	ppm	ASTM D5185m	>5	<1	0	0
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>8	4	3	2
Lead	ppm	ASTM D5185m	>10	5	6	5
Copper	ppm	ASTM D5185m	>150	3	2	2
Tin	ppm	ASTM D5185m	>5	0	0	0
Vanadium	ppm	ASTM D5185m		0	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

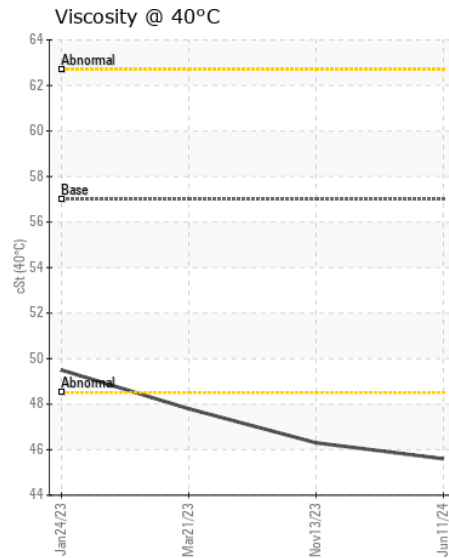
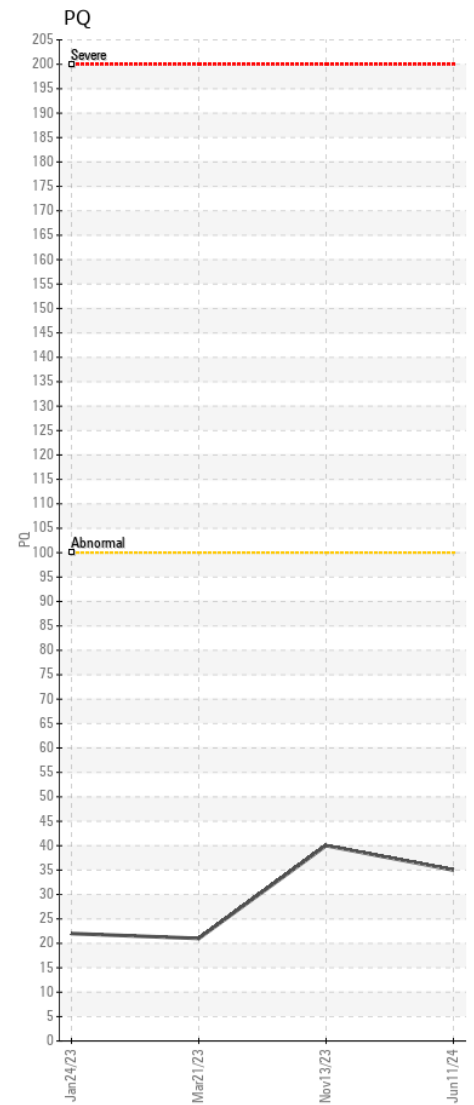
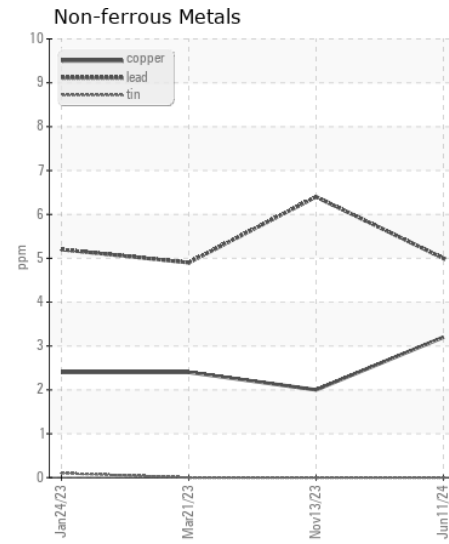
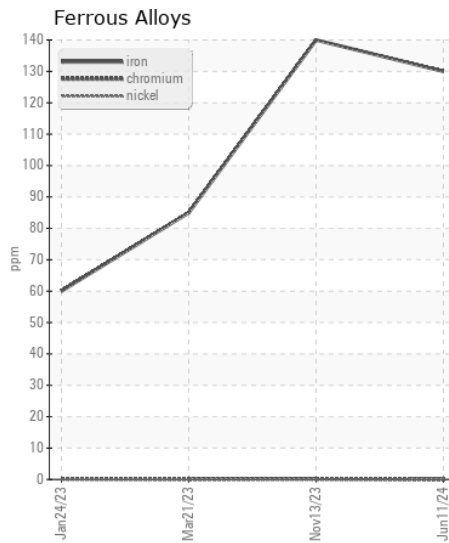
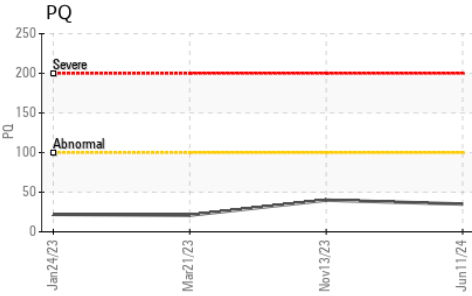
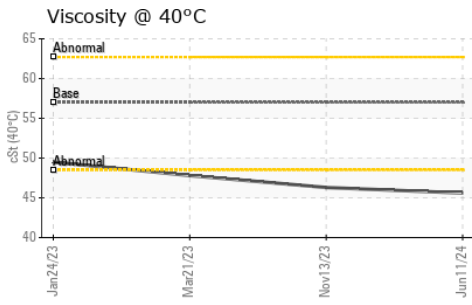
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>400	191	216	270
Potassium	ppm	ASTM D5185m	>20	2	2	0
Water		WC Method	>0.2	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	>0.2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		8	6	9
Boron	ppm	ASTM D5185m	6	59	76	122
Barium	ppm	ASTM D5185m	0	1	2	2
Molybdenum	ppm	ASTM D5185m	0	185	264	327
Manganese	ppm	ASTM D5185m		2	2	2
Magnesium	ppm	ASTM D5185m	145	324	451	533
Calcium	ppm	ASTM D5185m	3570	2343	1904	1391
Phosphorus	ppm	ASTM D5185m	1290	863	834	742
Zinc	ppm	ASTM D5185m	1640	994	994	854
Sulfur	ppm	ASTM D5185m		3160	2731	2788
Visc @ 40°C	cSt	ASTM D445	57.0	45.6	46.3	47.8



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WE0007503 **Received** : 17 Jun 2024
Lab Number : 06211998 **Tested** : 18 Jun 2024
Unique Number : 11084862 **Diagnosed** : 19 Jun 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

WARRIOR TRACTOR AND EQUIPMENT - MONROEVILLE
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 MONROEVILLE, AL
 US 36460
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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)