WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL

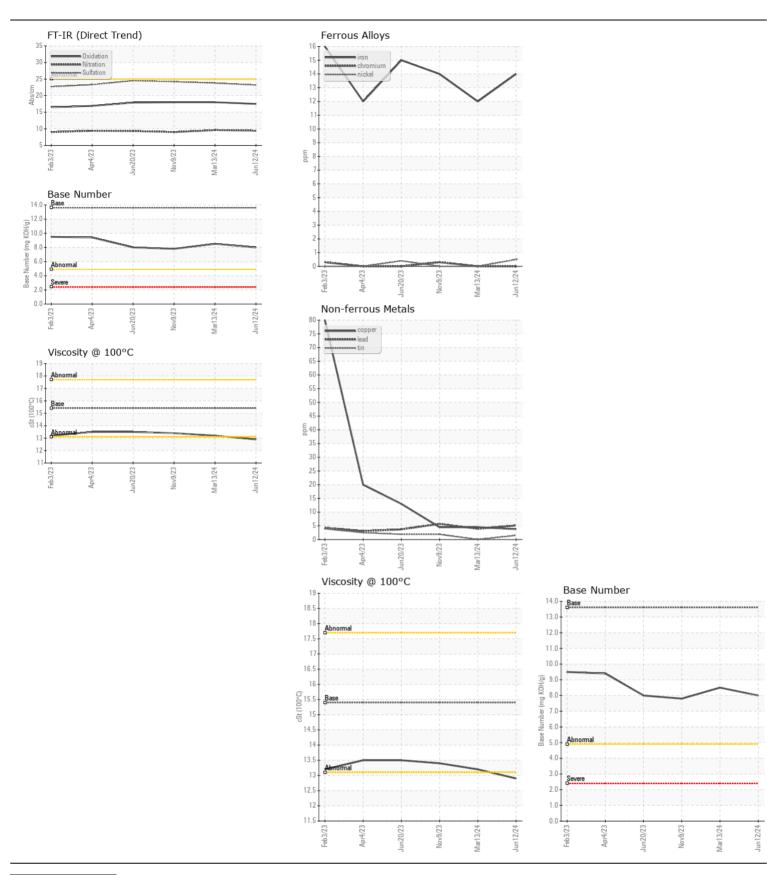
Machine Id

JOHN DEERE 844L 1DW844LXVNL715689

Diesel Engine

JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (--- GAL)

ECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		WE0007507	WE0005263	WE0005356
	Sample Date		Client Info		12 Jun 2024	13 Mar 2024	09 Nov 202
	Machine Age	hrs	Client Info		4488	4003	3197
	Oil Age	hrs	Client Info		0	500	0
	Filter Age	hrs	Client Info		0	500	0
	Oil Changed		Client Info		Changed	Changed	Changed
	Filter Changed		Client Info		Changed	Changed	Changed
	Sample Status				NORMAL	NORMAL	NORMAL
/EAR	Iron	ppm	ASTM D5185m	>51	14	12	14
All component wear rates are normal.	Chromium	ppm	ASTM D5185m	>11	0	0	<1
	Nickel	ppm	ASTM D5185m	>5	<1	0	0
	Titanium	ppm	ASTM D5185m		0	<1	0
	Silver	ppm	ASTM D5185m	>3	0	0	0
	Aluminum	ppm	ASTM D5185m	>31	6	4	4
	Lead	ppm	ASTM D5185m	>26	5	4	6
	Copper	ppm	ASTM D5185m	>26	4	4	4
	Tin	ppm	ASTM D5185m	>4	2	0	2
	Vanadium	ppm	ASTM D5185m		<1	<1	0
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
ONTAMINATION	Silicon	ppm	ASTM D5185m	>22	7	5	7
ONTAMINATION	Potassium	ppm	ASTM D5185m		4	2	1
There is no indication of any contamination in the oil.	Fuel	%	ASTM D3524		<1.0	<1.0	<1.0
	Water	/0	WC Method		NEG	NEG	NEG
	Glycol		WC Method	70.21	NEG	NEG	NEG
	Soot %	%	*ASTM D7844	>3	0.5	0.4	0.4
	Nitration	Abs/cm	*ASTM D7624	>20	9.4	9.6	9.0
	Sulfation	Abs/.1mm	*ASTM D7415		23.2	23.8	24.2
	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	NORMI
	Emulsified Water		*Visual	>0.21	NEG	NEG	NEG
LUID CONDITION	O a alta ana		AOTA DEADE	0.4	• • • • • • • • • • • • • • • • • • • •		
LUID CONDITION	Sodium	ppm	ASTM D5185m ASTM D5185m	>31	8 136	7	3 162
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.	Boron	ppm			0	155	
	Barium	ppm	ASTM D5185m ASTM D5185m		250	<1 233	0 262
	Molybdenum	ppm	ASTM D5185m			<1	<1
	Magnesium	ppm	ASTM D5185m		1 854	817	895
	Magnesium Calcium	ppm	ASTM D5185m		1363	1380	1376
	Phosphorus	ppm	ASTM D5185m		857	765	918
	Zinc	ppm	ASTM D5185m		1013	1076	1128
		ppm					
	Sulfur Oxidation	ppm Abo/ 1mm	ASTM D5185m	- OF	3464 17.5	3467	3243
	CIXIDATION	Abs/.1mm	*ASTM D7414	>25	17.5	18.0	18.0
	Base Number (BN)	ma 1/011/-	ACTM DODGO	10.0	8.0	8.5	7.8







Certificate L2367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

: WE0007507 Lab Number : 06211455 Unique Number : 11084319

Received **Tested** Diagnosed

: 19 Jun 2024 - Don Baldridge Test Package: CONST (Additional Tests: FuelDilution, PercentFuel, TBN) To discuss this sample report, contact Customer Service at 1-800-237-1369.

: 17 Jun 2024

: 19 Jun 2024

* - 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)

WARRIOR TRACTOR AND EQUIPMENT - MONROEVILLE

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