



WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 844L 1DW844LXANL715466

Component
Brake
Fluid
{not provided} (--- GAL)

RECOMMENDATION

The fluid change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0202726	JR0181361	JR0163371
Sample Date		Client Info		23 Feb 2024	09 Aug 2023	29 Mar 2023
Machine Age	hrs	Client Info		3595	2112	1033
Oil Age	hrs	Client Info		1483	2112	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	NORMAL	NORMAL

WEAR

The iron level is abnormal. All other component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		81	49	27
Iron	ppm	ASTM D5185m	>350	▲ 401	193	101
Chromium	ppm	ASTM D5185m	>5	1	<1	<1
Nickel	ppm	ASTM D5185m	>5	<1	<1	<1
Titanium	ppm	ASTM D5185m		3	0	0
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>8	6	9	5
Lead	ppm	ASTM D5185m	>10	7	2	<1
Copper	ppm	ASTM D5185m	>150	5	52	41
Tin	ppm	ASTM D5185m	>5	0	4	2
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

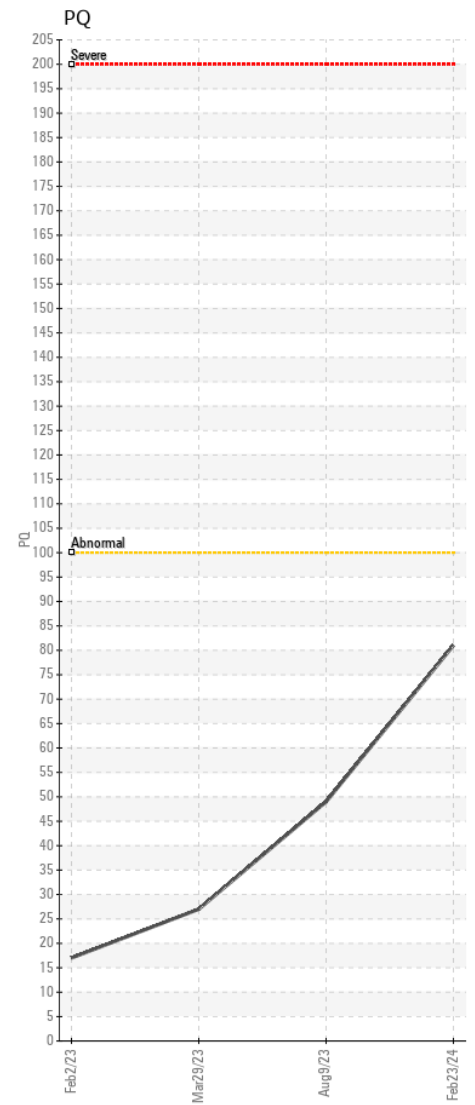
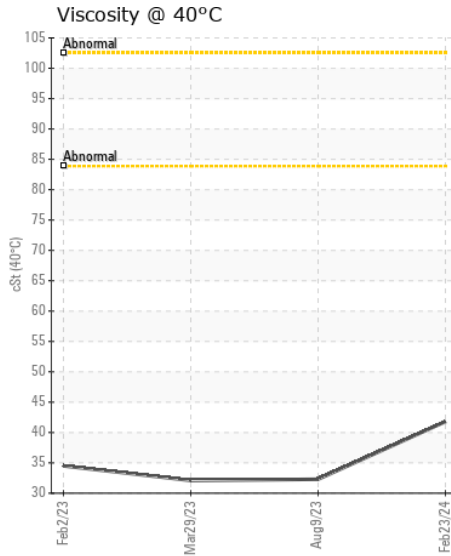
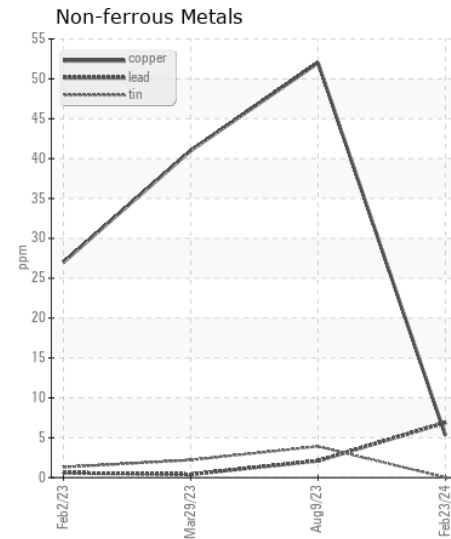
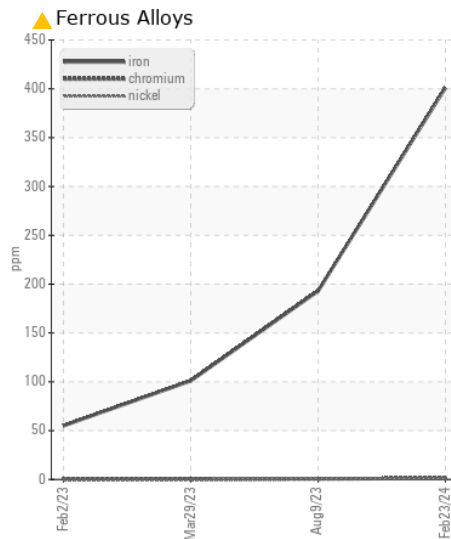
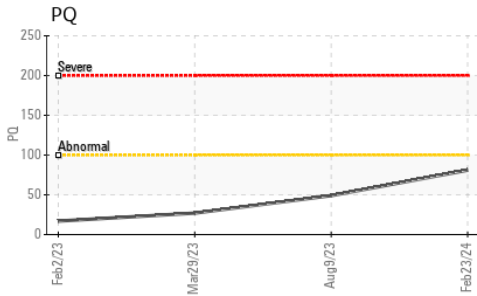
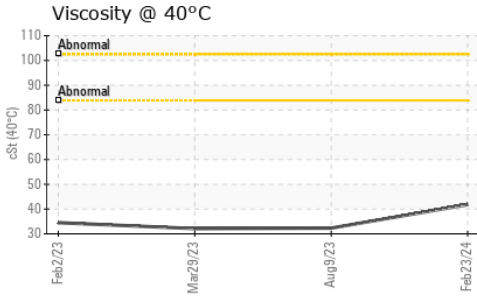
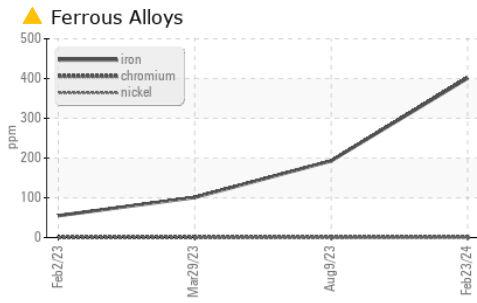
There is no indication of any contamination in the fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>400	372	11	10
Potassium	ppm	ASTM D5185m	>20	3	4	2
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 fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m		9	39	36
Boron	ppm	ASTM D5185m		120	76	94
Barium	ppm	ASTM D5185m		18	0	0
Molybdenum	ppm	ASTM D5185m		485	2	<1
Manganese	ppm	ASTM D5185m		6	4	1
Magnesium	ppm	ASTM D5185m		666	<1	3
Calcium	ppm	ASTM D5185m		1679	210	316
Phosphorus	ppm	ASTM D5185m		877	343	393
Zinc	ppm	ASTM D5185m		1019	158	222
Sulfur	ppm	ASTM D5185m		3523	961	798
Visc @ 40°C	cSt	ASTM D445		41.8	32.3	32.1



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0202726 **Received** : 23 Feb 2024
Lab Number : 06099349 **Tested** : 26 Feb 2024
Unique Number : 10897579 **Diagnosed** : 27 Feb 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

FUQUAY - MARTIN MARIETTA
 7400 BUCKHORN DUNCAN RD
 HOLLY SPRINGS, NC
 US 27549
 Contact: DARIN HESS
 darin.hess@martinmarietta.com

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)

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