James River Equipment

OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 844L 1DW844LXANL715421
Component
Transmission
Fluid
{not provided} (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. Please note that this is a corrected copy for data entry update of component type.

WEAR

The iron level is abnormal.

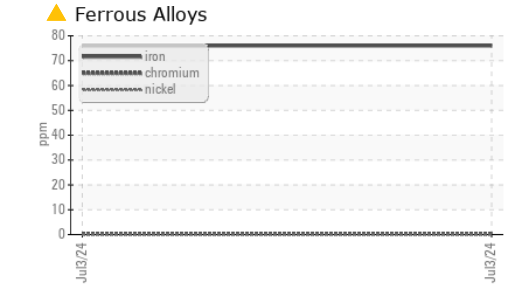
CONTAMINATION

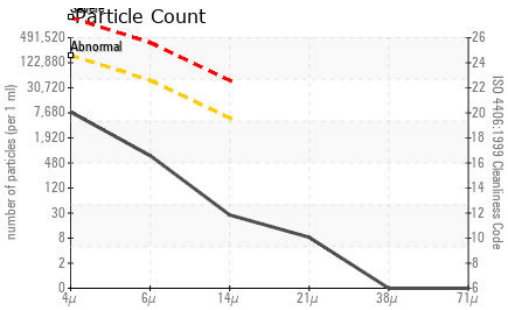
There is no indication of any contamination in the fluid.

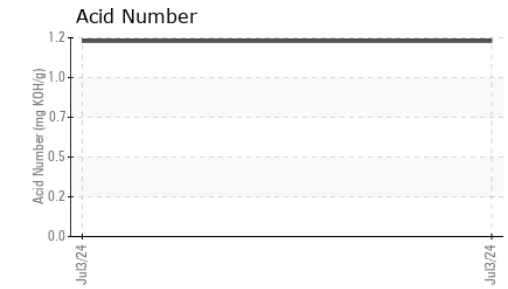
FLUID CONDITION

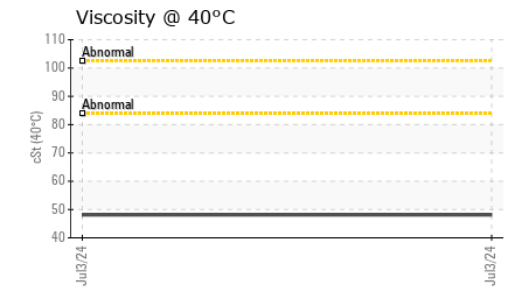
The condition of the fluid is acceptable for the time in service.

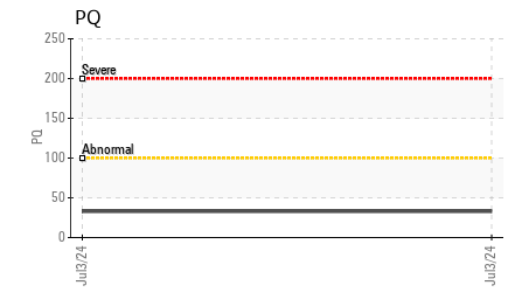
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0209378	---	---
Sample Date		Client Info		03 Jul 2024	---	---
Machine Age	hrs	Client Info		3862	---	---
Oil Age	hrs	Client Info		1806	---	---
Filter Age	hrs	Client Info		1806	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		Not Changd	---	---
Sample Status				ABNORMAL	---	---
PQ		ASTM D8184	>100	33	---	---
Iron	ppm	ASTM D5185m	>61	▲ 76	---	---
Chromium	ppm	ASTM D5185m	>10	<1	---	---
Nickel	ppm	ASTM D5185m		0	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>20	1	---	---
Lead	ppm	ASTM D5185m	>9	0	---	---
Copper	ppm	ASTM D5185m	>100	10	---	---
Tin	ppm	ASTM D5185m	>3	0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185m	>21	7	---	---
Potassium	ppm	ASTM D5185m	>20	1	---	---
Water		WC Method	>0.075	NEG	---	---
Particles >4µm		ASTM D7647	>160000	6983	---	---
Particles >6µm		ASTM D7647	>40000	635	---	---
Particles >14µm		ASTM D7647	>5000	24	---	---
Particles >21µm		ASTM D7647	>1300	7	---	---
Particles >38µm		ASTM D7647	>320	0	---	---
Particles >71µm		ASTM D7647	>80	0	---	---
Oil Cleanliness		ISO 4406 (c)	>24/22/19	20/16/12	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.075	NEG	---	---
Sodium	ppm	ASTM D5185m	>30	5	---	---
Boron	ppm	ASTM D5185m		2	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		<1	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m		88	---	---
Calcium	ppm	ASTM D5185m		3151	---	---
Phosphorus	ppm	ASTM D5185m		997	---	---
Zinc	ppm	ASTM D5185m		1160	---	---
Sulfur	ppm	ASTM D5185m		3315	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045		1.18	---	---
Visc @ 40°C	cSt	ASTM D445		48.1	---	---

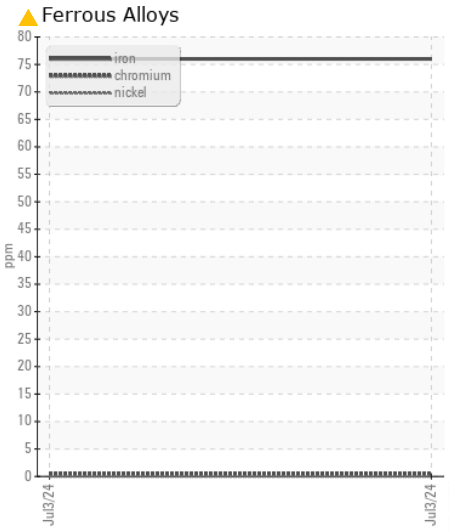


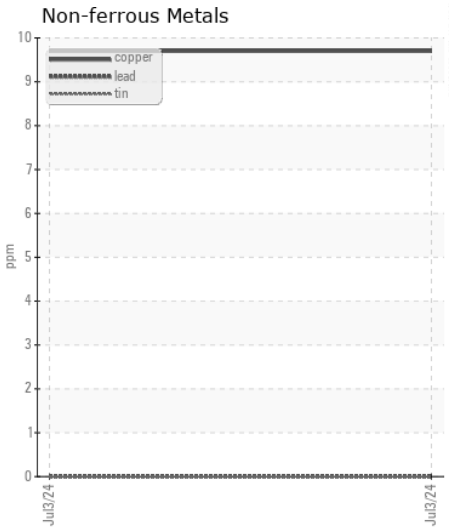


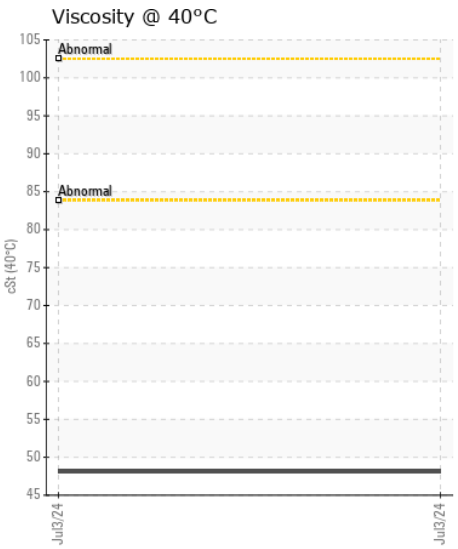


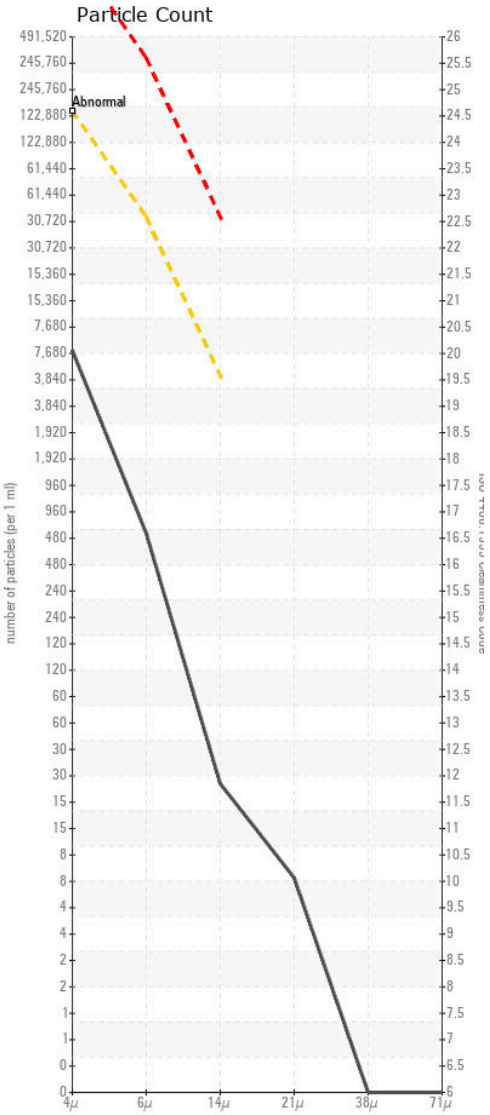


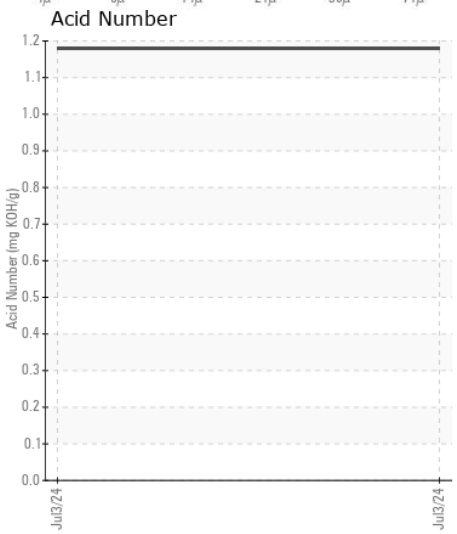












Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0209378 **Received** : 08 Jul 2024
Lab Number : 06230726 **Tested** : 10 Jul 2024
Unique Number : 11114219 **Diagnosed** : 10 Jul 2024 - Doug Bogart
Test Package : CONST (Additional Tests: PQ, PrtCount)

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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