



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 237
 Component
Brake
 Fluid
MOBIL MOBILGARD 424 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0134049	JR0118699	JR0101812
Sample Date		Client Info		07 Nov 2022	05 Apr 2022	14 Oct 2021
Machine Age	hrs	Client Info		3325	1937	948
Oil Age	hrs	Client Info		0	1000	948
Filter Age	hrs	Client Info		0	1000	948
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		N/A	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184		25	26	35
Iron	ppm	ASTM D5185m	>350	61	37	57
Chromium	ppm	ASTM D5185m	>5	0	<1	<1
Nickel	ppm	ASTM D5185m	>5	0	<1	0
Titanium	ppm	ASTM D5185m		1	5	28
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>8	<1	2	2
Lead	ppm	ASTM D5185m	>10	1	4	8
Copper	ppm	ASTM D5185m	>150	<1	<1	3
Tin	ppm	ASTM D5185m	>5	0	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	<1
White Metal	scalar	*Visual	NONE	MODER	LIGHT	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

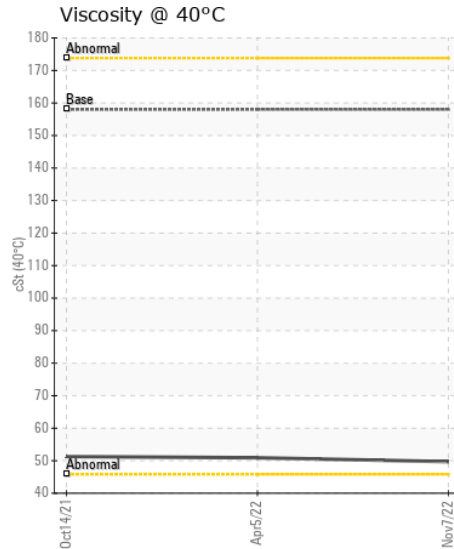
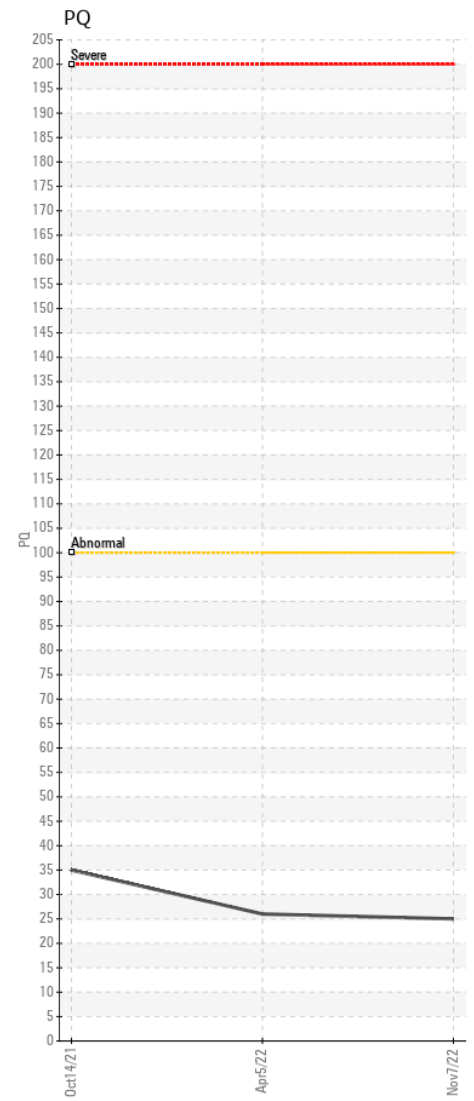
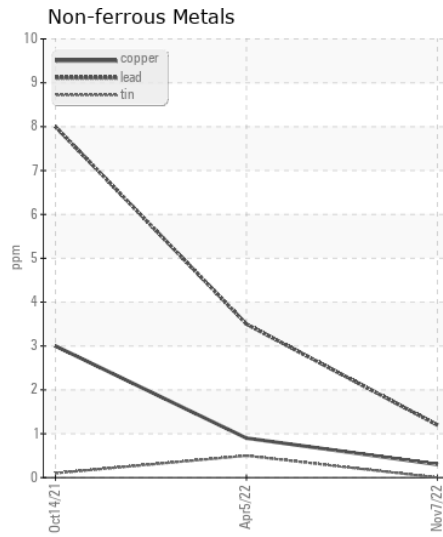
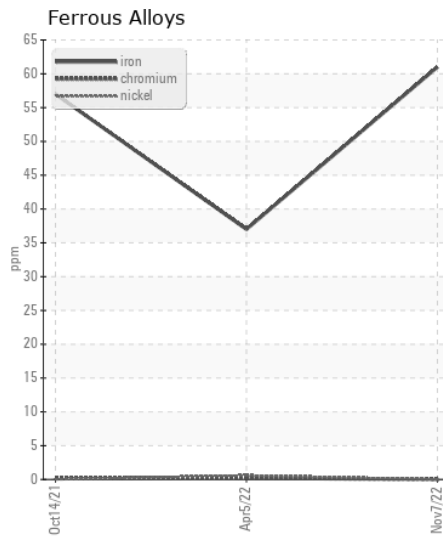
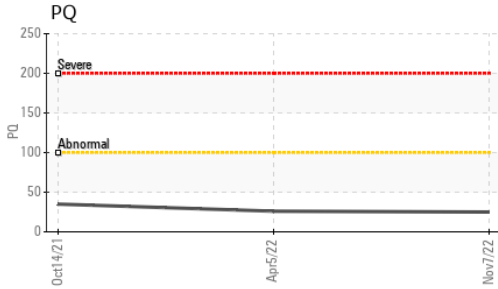
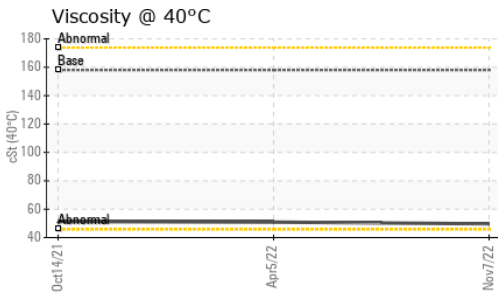
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>400	72	93	285
Potassium	ppm	ASTM D5185m	>20	2	0	<1
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		0	6	8
Boron	ppm	ASTM D5185m		110	120	185
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		30	28	94
Manganese	ppm	ASTM D5185m		<1	<1	2
Magnesium	ppm	ASTM D5185m		193	178	266
Calcium	ppm	ASTM D5185m		3349	3043	1456
Phosphorus	ppm	ASTM D5185m		1053	996	659
Zinc	ppm	ASTM D5185m		1253	1131	695
Sulfur	ppm	ASTM D5185m		7321	5533	2551
Visc @ 40°C	cSt	ASTM D445	158	49.7	50.9	51.3



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0134049 **Received** : 10 Nov 2022
Lab Number : 05690465 **Diagnosed** : 11 Nov 2022
Unique Number : 10215038 **Diagnostician** : Sean Felton
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)

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