



WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 118
 Component
Front Differential
 Fluid
MOBIL MOBILFLUID 424 (--- QTS)

RECOMMENDATION

The oil 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.

WEAR

Bearing and/or bushing wear is indicated. All other component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

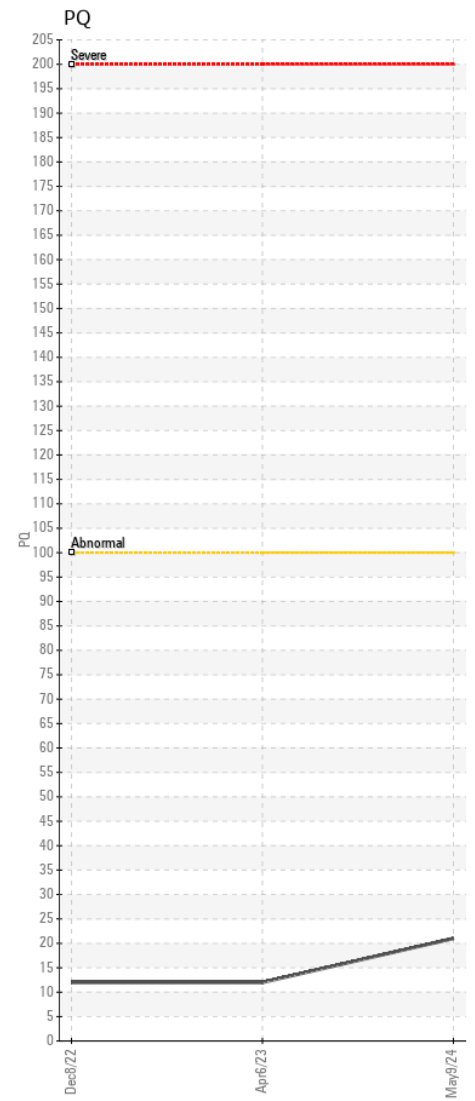
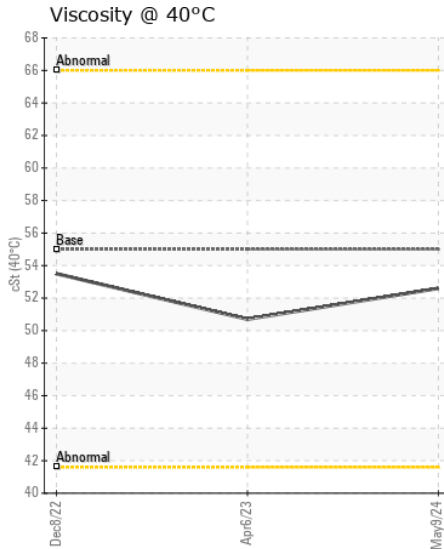
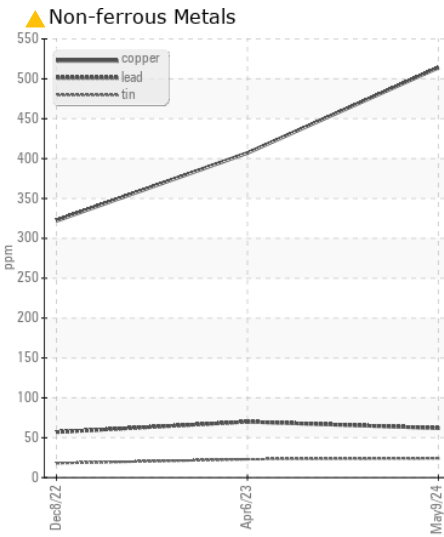
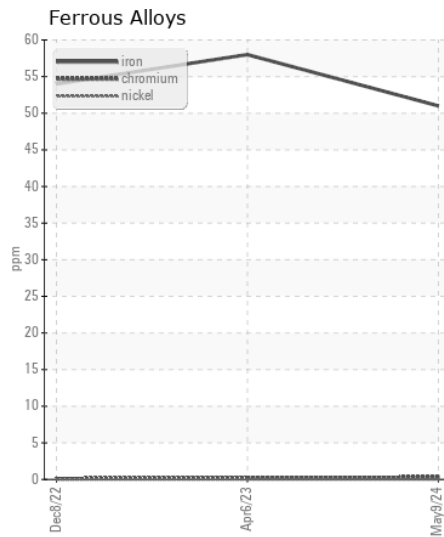
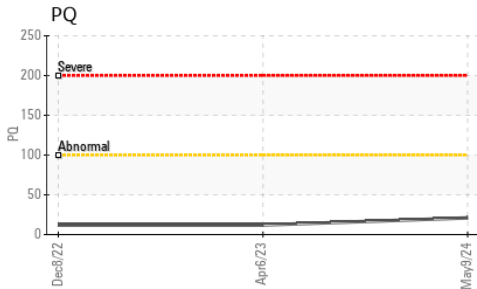
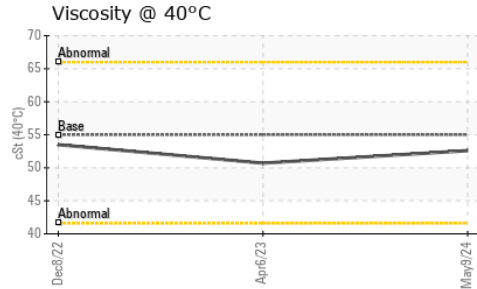
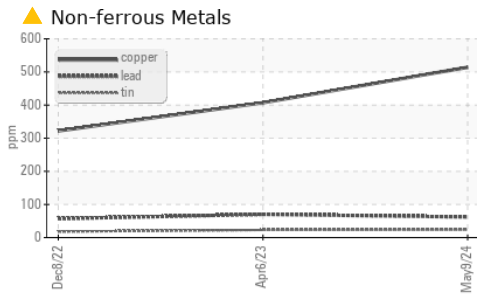
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0172404	JR0117815	JR0117940
Sample Date		Client Info		09 May 2024	06 Apr 2023	08 Dec 2022
Machine Age	hrs	Client Info		4654	2359	1618
Oil Age	hrs	Client Info		2354	2359	1618
Filter Age	hrs	Client Info		1354	2359	1618
Oil Changed		Client Info		Changed	Changed	Not Changd
Filter Changed		Client Info		Changed	Changed	Not Changd
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL

PQ		ASTM D8184		21	12	12
Iron	ppm	ASTM D5185m	>500	51	58	54
Chromium	ppm	ASTM D5185m	>10	<1	<1	<1
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	<1	<1
Lead	ppm	ASTM D5185m	>25	▲ 62	▲ 70	▲ 57
Copper	ppm	ASTM D5185m	>100	▲ 514	▲ 407	▲ 322
Tin	ppm	ASTM D5185m	>10	▲ 24	▲ 23	▲ 18
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>75	9	4	4
Potassium	ppm	ASTM D5185m	>20	0	<1	3
Water		WC Method	>.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	>.2	NEG	NEG	NEG

Sodium	ppm	ASTM D5185m		5	6	4
Boron	ppm	ASTM D5185m		110	4	5
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		7	<1	<1
Manganese	ppm	ASTM D5185m		<1	2	1
Magnesium	ppm	ASTM D5185m		82	91	83
Calcium	ppm	ASTM D5185m		3242	3025	3216
Phosphorus	ppm	ASTM D5185m		1231	975	1028
Zinc	ppm	ASTM D5185m		1314	1147	1151
Sulfur	ppm	ASTM D5185m		7869	3748	4105
Visc @ 40°C	cSt	ASTM D445	55	52.6	50.7	53.5



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0172404 **Received** : 31 May 2024
Lab Number : 06197038 **Tested** : 03 Jun 2024
Unique Number : 11059161 **Diagnosed** : 04 Jun 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

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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)