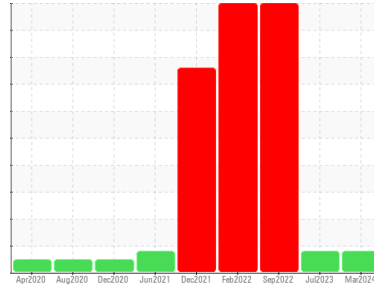


OIL ANALYSIS REPORT

Sample Rating Trend

WEAR


Machine Id

JOHN DEERE 115

Component

Front Differential

Fluid

MOBIL MOBILFLUID 424 (--- QTS)
DIAGNOSIS
Recommendation

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear

Bearing and/or bushing wear is indicated.

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.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		JR0149336	JR0172468	JR0039641
Sample Date	Client Info		26 Mar 2024	17 Jul 2023	27 Sep 2022
Machine Age	hrs	Client Info	7366	6230	5170
Oil Age	hrs	Client Info	2000	1000	2000
Oil Changed	Client Info		Changed	Not Changd	Changed
Sample Status			ABNORMAL	ABNORMAL	SEVERE

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>.2	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184		18	14	11
Iron	ppm	ASTM D5185m >500	32	21	37
Chromium	ppm	ASTM D5185m >10	<1	0	<1
Nickel	ppm	ASTM D5185m >10	<1	0	0
Titanium	ppm	ASTM D5185m	<1	0	0
Silver	ppm	ASTM D5185m	<1	<1	<1
Aluminum	ppm	ASTM D5185m >25	2	1	<1
Lead	ppm	ASTM D5185m >25	9	8	▲ 62
Copper	ppm	ASTM D5185m >100	▲ 105	▲ 100	▲ 700
Tin	ppm	ASTM D5185m >10	7	7	▲ 46
Antimony	ppm	ASTM D5185m >5	---	---	---
Vanadium	ppm	ASTM D5185m	<1	0	0
Cadmium	ppm	ASTM D5185m	<1	0	0

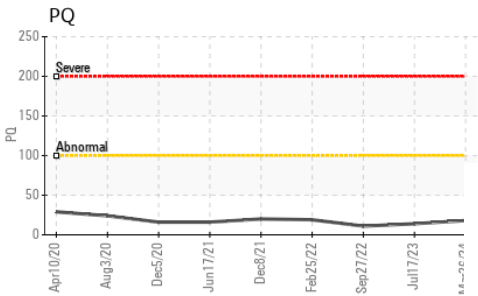
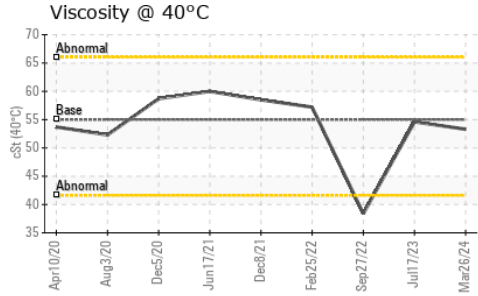
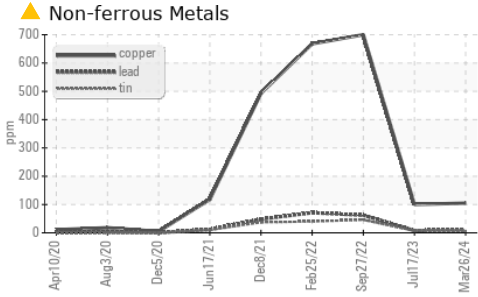
ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	91	107	85
Barium	ppm	ASTM D5185m	0	<1	0
Molybdenum	ppm	ASTM D5185m	7	7	7
Manganese	ppm	ASTM D5185m	1	<1	<1
Magnesium	ppm	ASTM D5185m	90	104	108
Calcium	ppm	ASTM D5185m	2988	3488	2887
Phosphorus	ppm	ASTM D5185m	1138	1232	1070
Zinc	ppm	ASTM D5185m	1299	1486	1190
Sulfur	ppm	ASTM D5185m	6223	6810	8233

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	10	10	7
Sodium	ppm	ASTM D5185m	4	0	6
Potassium	ppm	ASTM D5185m >20	2	2	0

OIL ANALYSIS REPORT



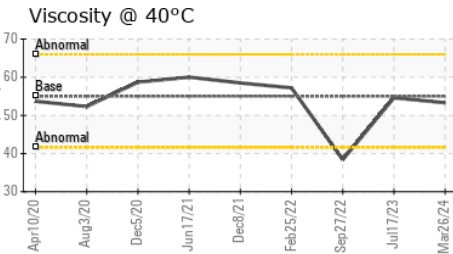
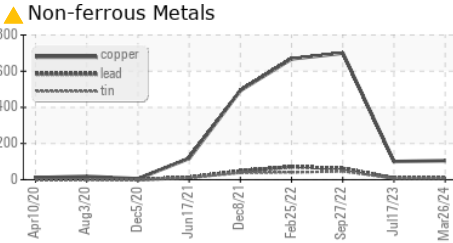
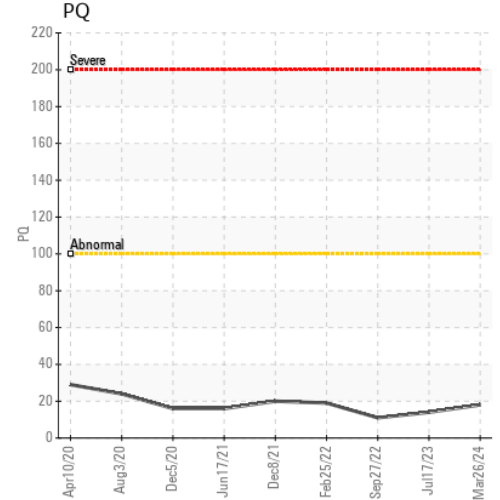
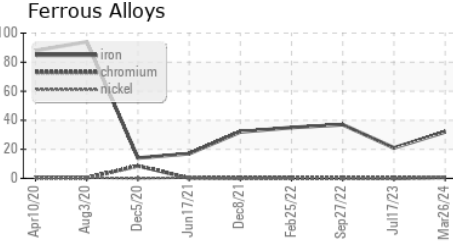
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>.2	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	55	53.3	54.6

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color	no image	no image	no image
Bottom	no image	no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0149336 **Received** : 01 Apr 2024
Lab Number : 06135182 **Tested** : 03 Apr 2024
Unique Number : 10954647 **Diagnosed** : 03 Apr 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

SCOTTS EARTH GROW
 7601 GENERAL MAHONE HWY
 WAVERLY, VA
 US 23890
 Contact: JW
 jerald.tappiii@scotts.com
 T: (804)834-3986
 F: (804)834-3989

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)