



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
000245
 Component
Pump Drive
 Fluid
JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment:
 Top Up Amount: .3 QTS)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0208153	JR0192328	JR0174690
Sample Date		Client Info		18 Mar 2024	08 Nov 2023	27 Jun 2023
Machine Age	hrs	Client Info		1465	945	467
Oil Age	hrs	Client Info		1465	945	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Oil Added	N/A	Not Changd
Filter Changed		Client Info		None	N/A	N/A
Sample Status				NORMAL	ABNORMAL	ABNORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184		22	18	19
Iron	ppm	ASTM D5185m	>500	52	76	71
Chromium	ppm	ASTM D5185m	>15	1	2	2
Nickel	ppm	ASTM D5185m	>10	<1	0	0
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>20	4	2	0
Lead	ppm	ASTM D5185m		<1	<1	0
Copper	ppm	ASTM D5185m	>35	<1	<1	<1
Tin	ppm	ASTM D5185m	>4	<1	<1	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

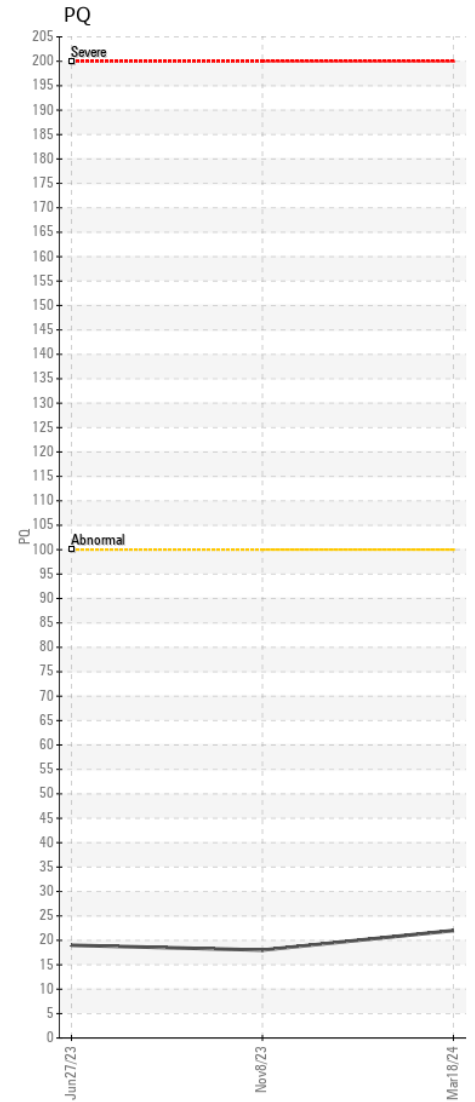
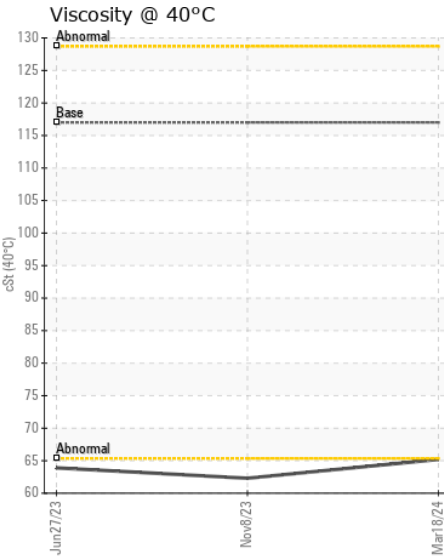
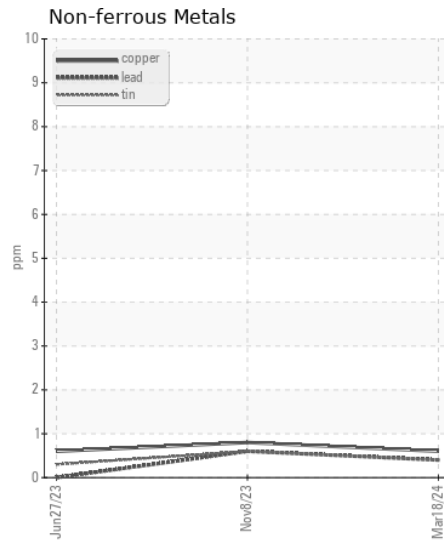
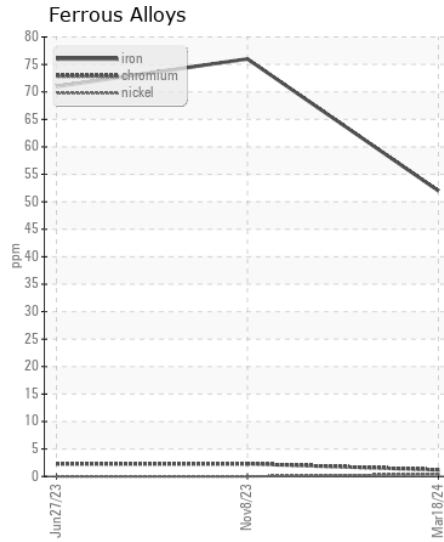
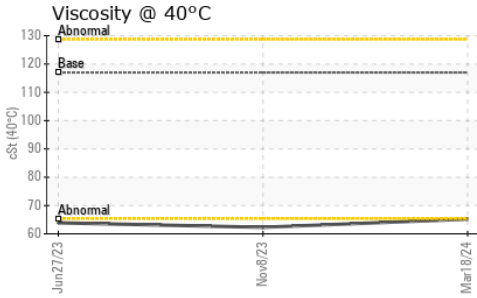
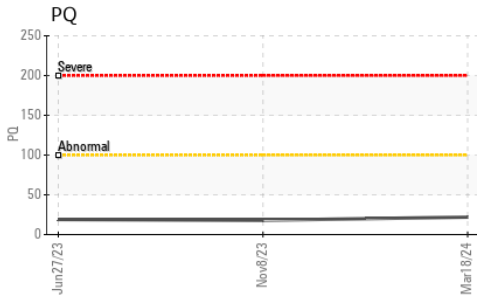
There is no indication of any contamination in the sample.

Silicon	ppm	ASTM D5185m	>75	23	▲ 82	▲ 89
Potassium	ppm	ASTM D5185m	>20	2	1	3
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 sample is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<1	4	<1
Boron	ppm	ASTM D5185m		232	65	67
Barium	ppm	ASTM D5185m		<1	6	8
Molybdenum	ppm	ASTM D5185m		213	103	114
Manganese	ppm	ASTM D5185m		2	5	5
Magnesium	ppm	ASTM D5185m		643	18	13
Calcium	ppm	ASTM D5185m		1929	4054	4413
Phosphorus	ppm	ASTM D5185m		929	1218	1289
Zinc	ppm	ASTM D5185m		1097	1380	1396
Sulfur	ppm	ASTM D5185m		3756	8592	9089
Visc @ 40°C	cSt	ASTM D445	117	65.2	62.3	63.9



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0208153 **Received** : 20 Mar 2024
Lab Number : 06123967 **Tested** : 21 Mar 2024
Unique Number : 10938118 **Diagnosed** : 22 Mar 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

CWS-STRITTMATTER
 9102 OWENS DR
 MANASSAS PARK, VA
 US 20111

Contact: EDDIE GARRETSON
 egarretson@strittmattercompanies.com
 T: (703)335-2255
 F: (703)335-8095

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)