



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 250G 1FF250GXJMF611693
 Component
Pump Drive
 Fluid
SAE 15W40 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0220449	JR0205517	JR0178997
Sample Date		Client Info		09 Jul 2024	16 Apr 2024	28 Jul 2023
Machine Age	hrs	Client Info		4506	4105	2963
Oil Age	hrs	Client Info		401	1142	1000
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Changed	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	ABNORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		16	36	11
Iron	ppm	ASTM D5185m	>151	11	▲ 240	5
Chromium	ppm	ASTM D5185m	>11	<1	4	0
Nickel	ppm	ASTM D5185m	>10	<1	<1	0
Titanium	ppm	ASTM D5185m		<1	4	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>21	4	● 80	2
Lead	ppm	ASTM D5185m	>51	<1	<1	<1
Copper	ppm	ASTM D5185m	>51	<1	3	<1
Tin	ppm	ASTM D5185m	>4	0	<1	0
Vanadium	ppm	ASTM D5185m		<1	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

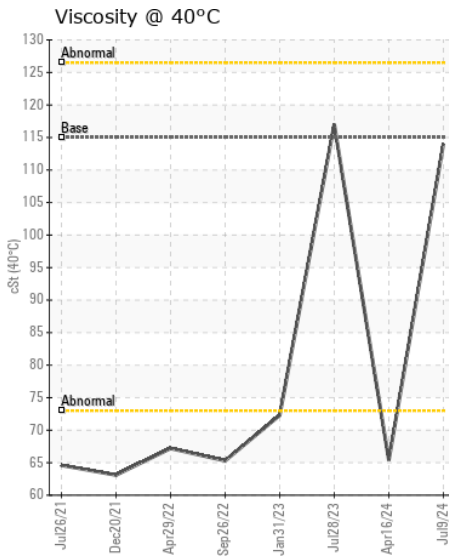
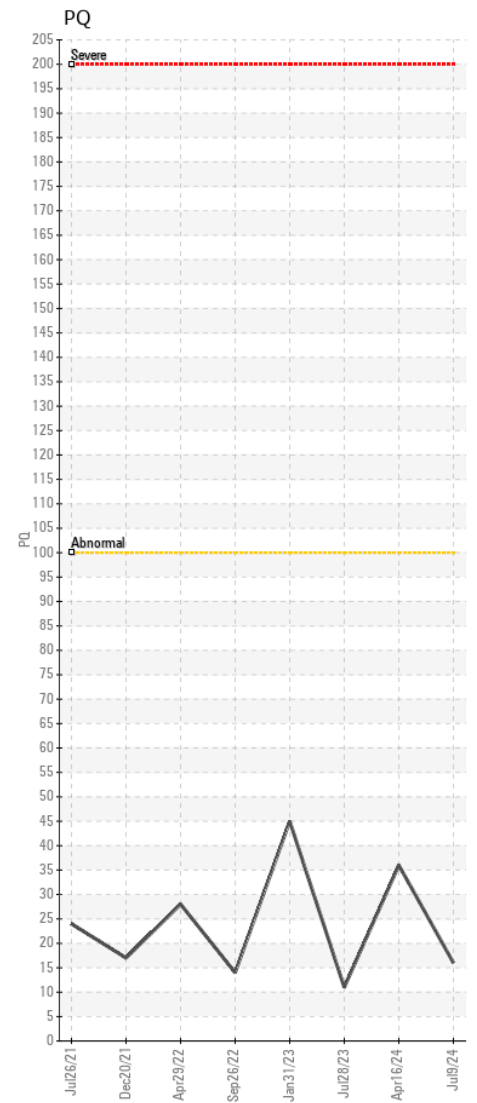
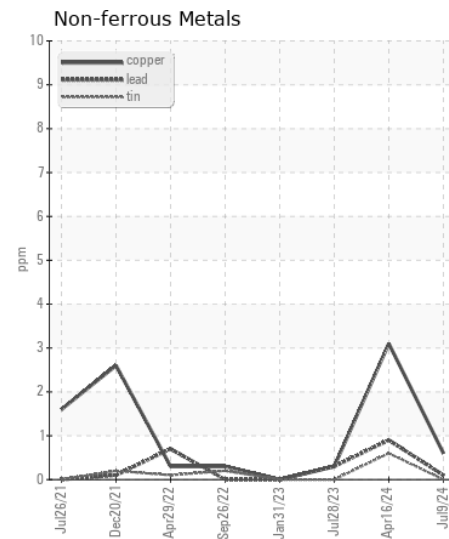
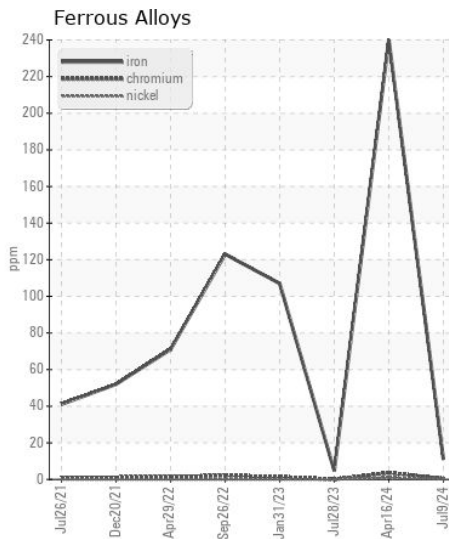
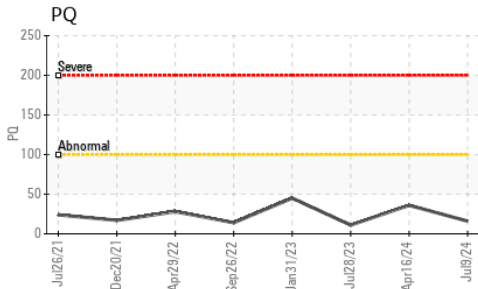
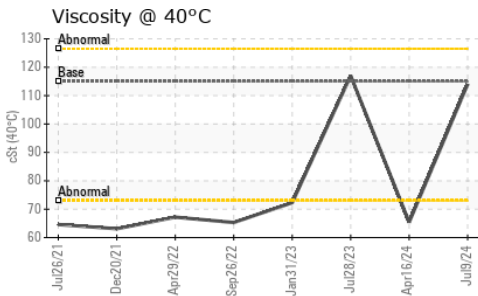
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	10	▲ 142	8
Potassium	ppm	ASTM D5185m	>20	2	11	3
Water		WC Method	>0.1	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	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>57	1	6	2
Boron	ppm	ASTM D5185m		286	280	279
Barium	ppm	ASTM D5185m		0	3	0
Molybdenum	ppm	ASTM D5185m		230	227	233
Manganese	ppm	ASTM D5185m		<1	4	<1
Magnesium	ppm	ASTM D5185m		739	673	789
Calcium	ppm	ASTM D5185m		1260	1385	1341
Phosphorus	ppm	ASTM D5185m		880	956	857
Zinc	ppm	ASTM D5185m		980	1017	1043
Sulfur	ppm	ASTM D5185m		3612	3789	3830
Visc @ 40°C	cSt	ASTM D445	115	114	65.4	117



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0220449 **Received** : 15 Jul 2024
Lab Number : 06236376 **Tested** : 16 Jul 2024
Unique Number : 11125210 **Diagnosed** : 16 Jul 2024 - Wes Davis
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)

CK CONTRACTING
 124-1 WOODING PL
 KINGS MOUNTAIN, NC
 US 28086
 Contact: TAM WRIGHT
 twright@ckcdllc.com
 T: (704)730-9948
 F: (704)730-9975