



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 245G 1FF245GXPNF802667
 Component
Left Final Drive
 Fluid
JOHN DEERE GL-5 80W90 (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0207764	JR0191225	JR0157136
Sample Date		Client Info		17 May 2024	13 Nov 2023	15 May 2023
Machine Age	hrs	Client Info		2209	1665	1030
Oil Age	hrs	Client Info		2209	1665	1030
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	216	163	220
Iron	ppm	ASTM D5185m	>750	248	201	223
Chromium	ppm	ASTM D5185m	>9	6	4	5
Nickel	ppm	ASTM D5185m	>10	2	<1	0
Titanium	ppm	ASTM D5185m		1	<1	<1
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>40	5	2	2
Lead	ppm	ASTM D5185m	>15	1	0	0
Copper	ppm	ASTM D5185m	>40	3	<1	<1
Tin	ppm	ASTM D5185m	>10	<1	0	0
Vanadium	ppm	ASTM D5185m		<1	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

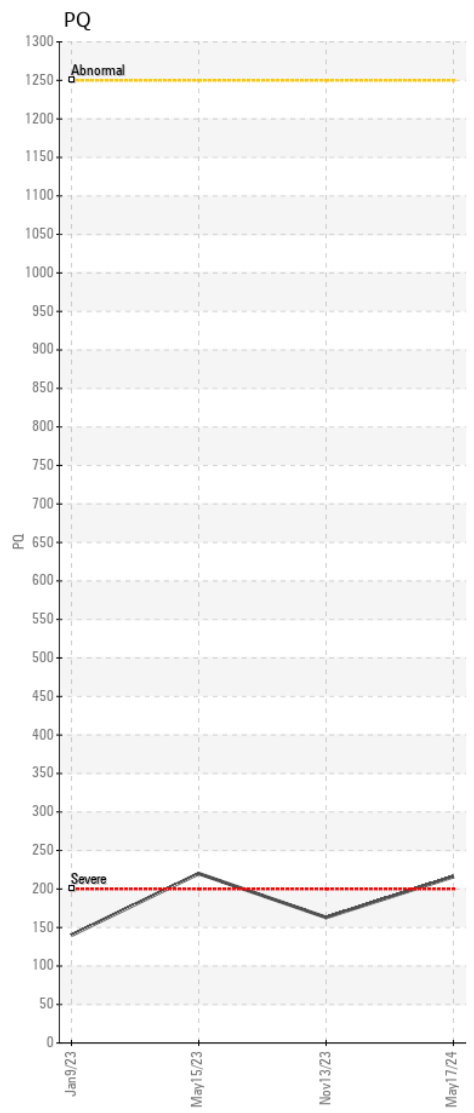
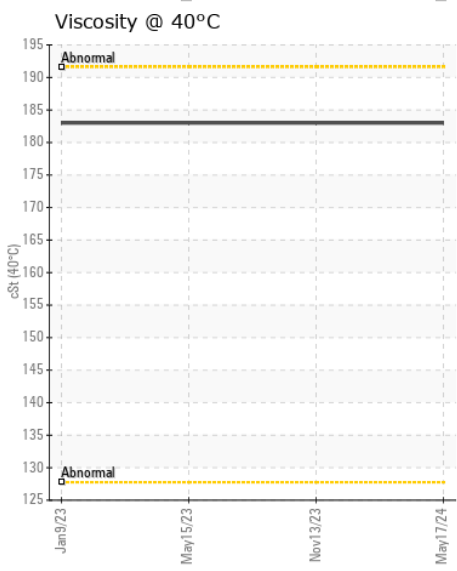
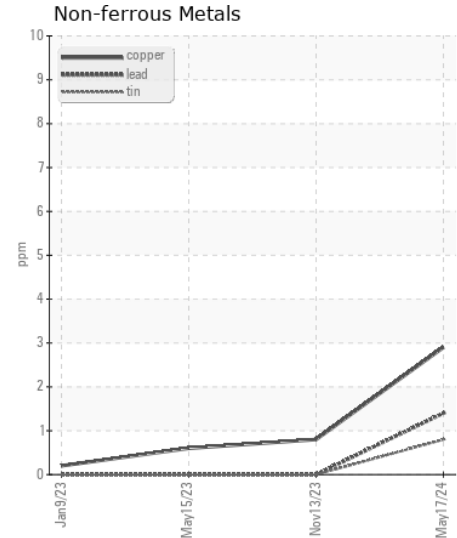
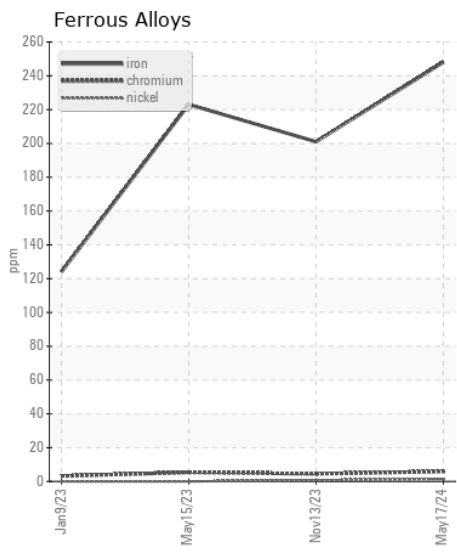
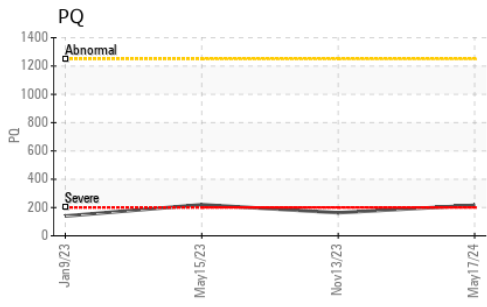
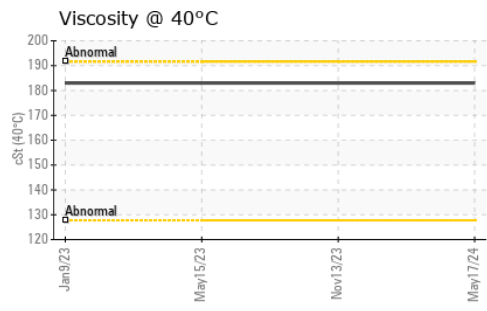
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	32	24	19
Potassium	ppm	ASTM D5185m	>20	4	3	2
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	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	>0.075	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	0	0	<1
Boron	ppm	ASTM D5185m		76	76	75
Barium	ppm	ASTM D5185m		1	<1	3
Molybdenum	ppm	ASTM D5185m		1	<1	<1
Manganese	ppm	ASTM D5185m		6	5	5
Magnesium	ppm	ASTM D5185m		4	2	2
Calcium	ppm	ASTM D5185m		92	41	21
Phosphorus	ppm	ASTM D5185m		511	458	514
Zinc	ppm	ASTM D5185m		47	24	15
Sulfur	ppm	ASTM D5185m		17421	15450	17767
Visc @ 40°C	cSt	ASTM D445		183	183	183



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0207764 **Received** : 21 May 2024
Lab Number : 06186928 **Tested** : 23 May 2024
Unique Number : 11043680 **Diagnosed** : 23 May 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

TENNOCA CONSTRUCTION
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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)