



WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 260E 1DW260ETENF716185

Component
Hydraulic System

Fluid
{not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0213796	JR0176649	JR0167294
Sample Date		Client Info		23 May 2024	27 Jul 2023	15 May 2023
Machine Age	hrs	Client Info		1492	973	676
Oil Age	hrs	Client Info		1492	973	676
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Chngd	Not Chngd	Not Chngd
Filter Changed		Client Info		Not Chngd	Not Chngd	Not Chngd
Sample Status				ABNORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
Iron	ppm	ASTM D5185m	>71	9	6	3
Chromium	ppm	ASTM D5185m	>11	3	1	0
Nickel	ppm	ASTM D5185m	>6	0	0	0
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>11	<1	1	2
Lead	ppm	ASTM D5185m	>13	0	0	0
Copper	ppm	ASTM D5185m	>21	2	2	0
Tin	ppm	ASTM D5185m	>5	0	0	0
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

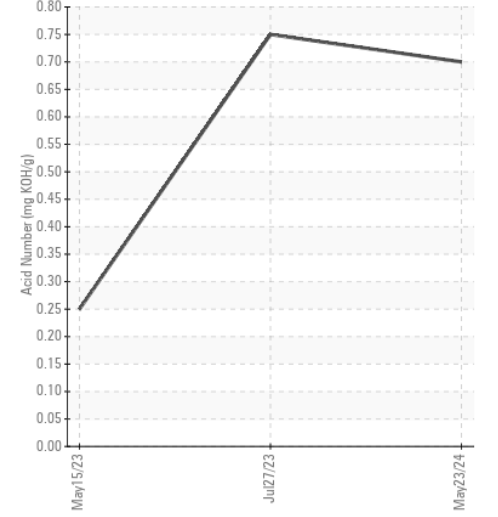
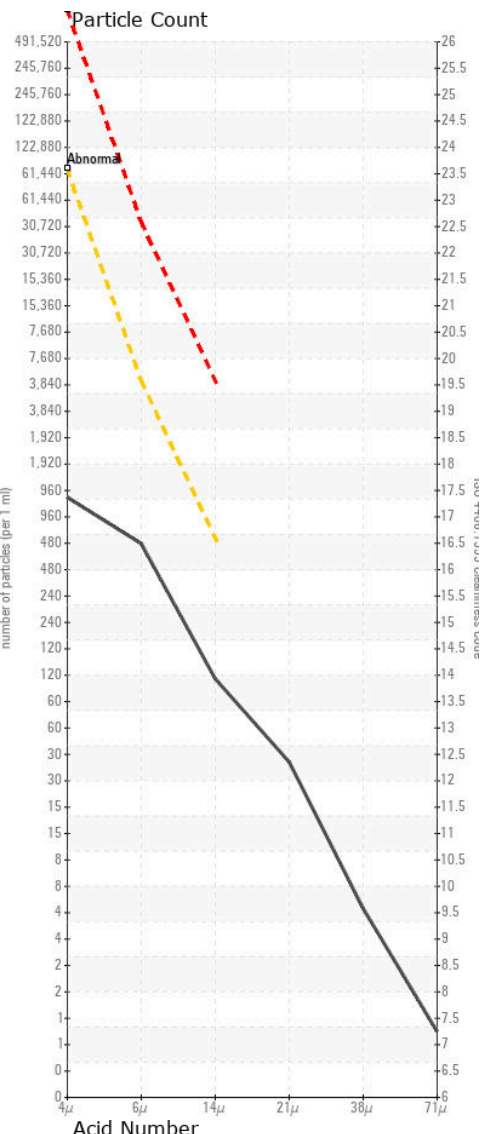
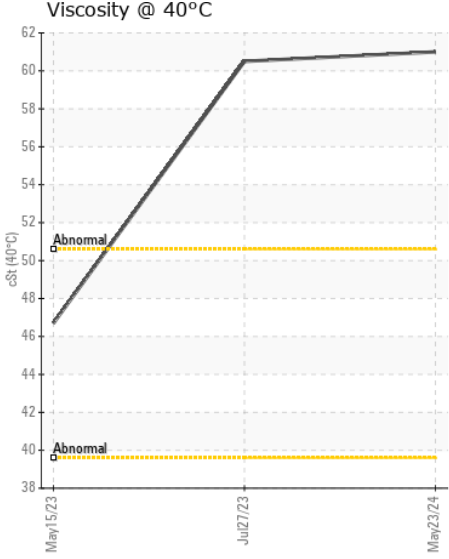
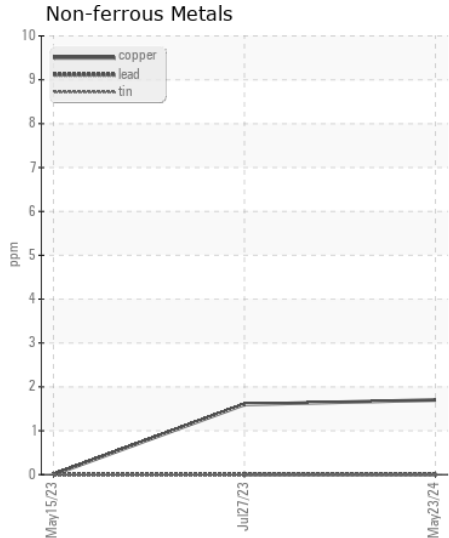
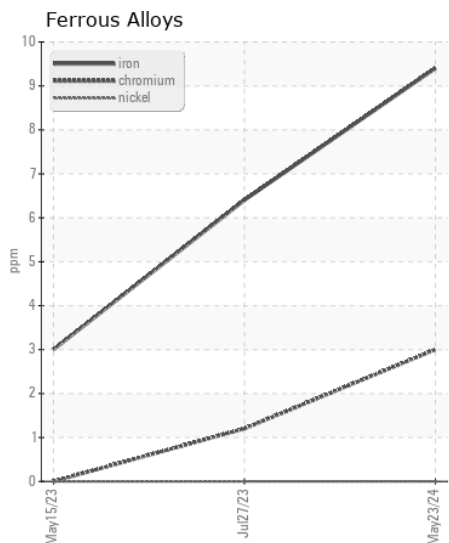
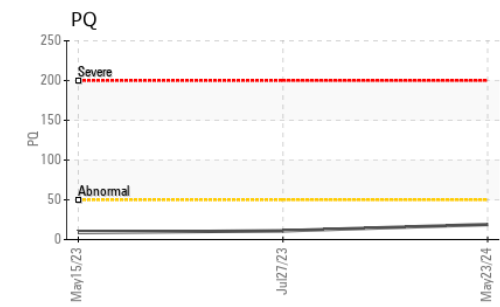
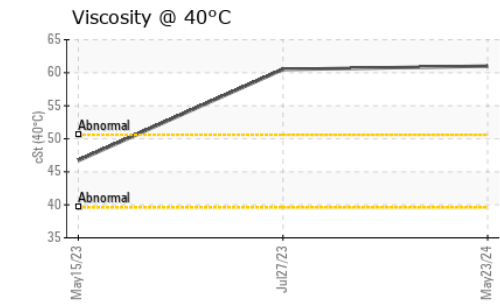
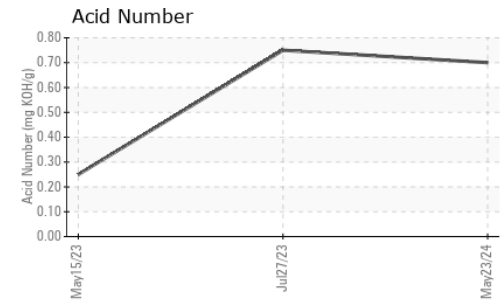
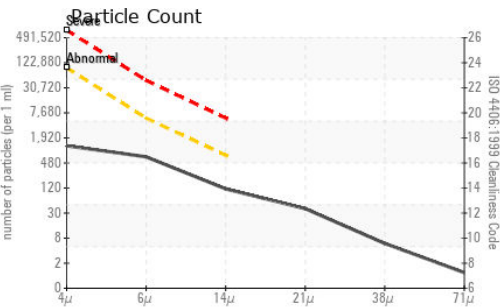
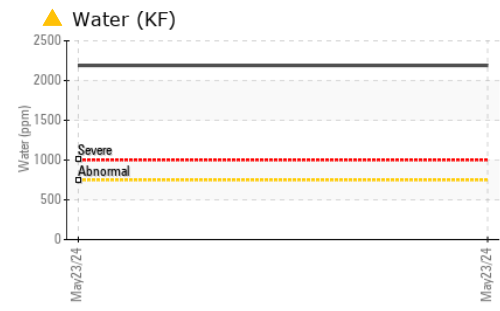
Appearance is hazy. There is a light concentration of water present in the oil. The amount and size of particulates present in the system are acceptable.

Silicon	ppm	ASTM D5185m	>24	3	3	<1
Potassium	ppm	ASTM D5185m	>20	1	3	0
Water	%	ASTM D6304	>0.075	▲ 0.219	---	---
ppm Water	ppm	ASTM D6304	>750	▲ 2190	---	---
Particles >4µm		ASTM D7647	>80000	1088	9041	19765
Particles >6µm		ASTM D7647	>5000	592	2551	539
Particles >14µm		ASTM D7647	>640	101	371	20
Particles >21µm		ASTM D7647	>160	34	158	4
Particles >38µm		ASTM D7647	>40	5	15	0
Particles >71µm		ASTM D7647	>10	1	1	0
Oil Cleanliness		ISO 4406 (c)	>23/19/16	17/16/14	20/19/16	21/16/11
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	● HAZY	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.075	▲ 0.2%	NEG	NEG

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m	>21	5	5	0
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		<1	<1	0
Magnesium	ppm	ASTM D5185m		3	2	<1
Calcium	ppm	ASTM D5185m		78	99	0
Phosphorus	ppm	ASTM D5185m		663	650	468
Zinc	ppm	ASTM D5185m		860	917	0
Sulfur	ppm	ASTM D5185m		1829	2029	0
Acid Number (AN)	mg KOH/g	ASTM D8045		0.70	0.75	0.25
Visc @ 40°C	cSt	ASTM D445		61.0	60.5	46.7



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0213796 **Received** : 28 May 2024
Lab Number : 06192110 **Tested** : 03 Jun 2024
Unique Number : 11048862 **Diagnosed** : 03 Jun 2024 - Doug Bogart
Test Package : CONST (Additional Tests: KF, 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)