



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 260E 1DW260ETJKF695096

Component
Hydraulic System

Fluid
JOHN DEERE HYDRAU (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0206266	JR0189364	JR0171239
Sample Date		Client Info		11 Apr 2024	13 Nov 2023	30 Jun 2023
Machine Age	hrs	Client Info		5004	4493	4015
Oil Age	hrs	Client Info		4526	478	4000
Filter Age	hrs	Client Info		0	0	4000
Oil Changed		Client Info		Not Chngd	Not Chngd	Changed
Filter Changed		Client Info		Not Chngd	Not Chngd	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>50	17	15	15
Iron	ppm	ASTM D5185m	>71	0	<1	<1
Chromium	ppm	ASTM D5185m	>11	0	0	0
Nickel	ppm	ASTM D5185m	>6	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>11	0	<1	<1
Lead	ppm	ASTM D5185m	>13	0	0	<1
Copper	ppm	ASTM D5185m	>21	0	<1	0
Tin	ppm	ASTM D5185m	>5	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

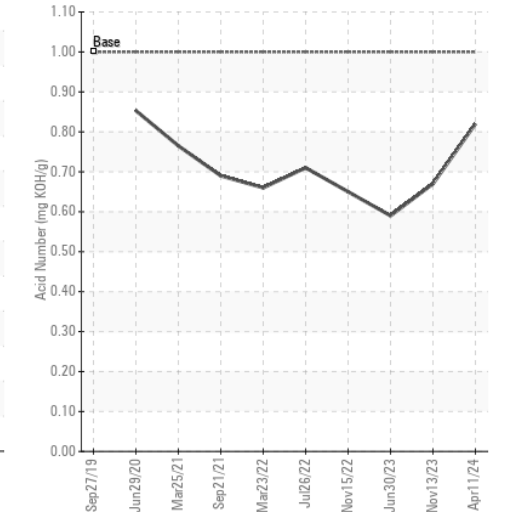
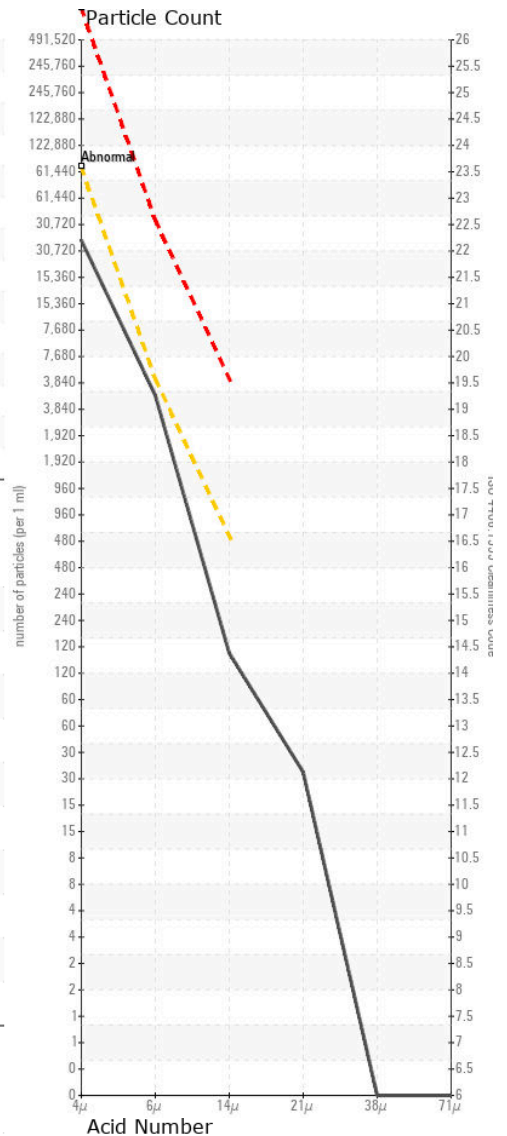
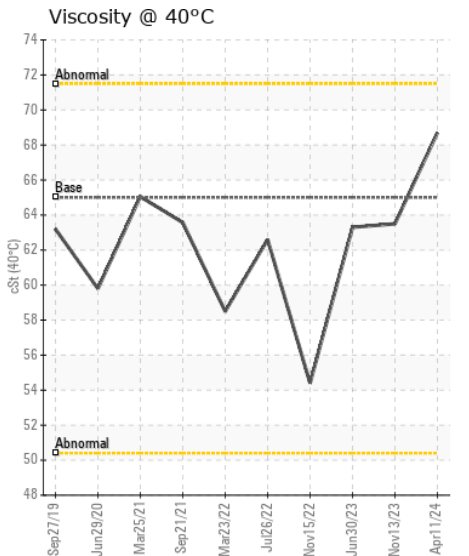
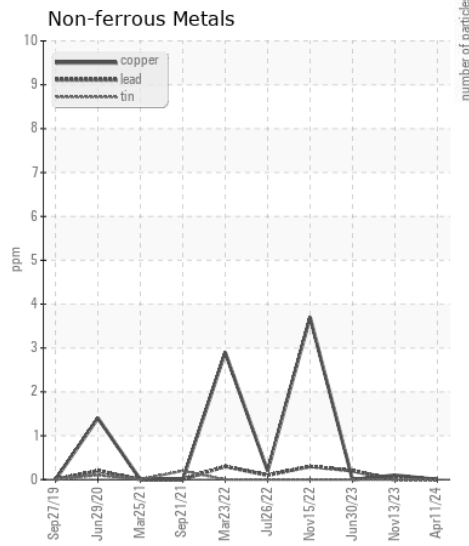
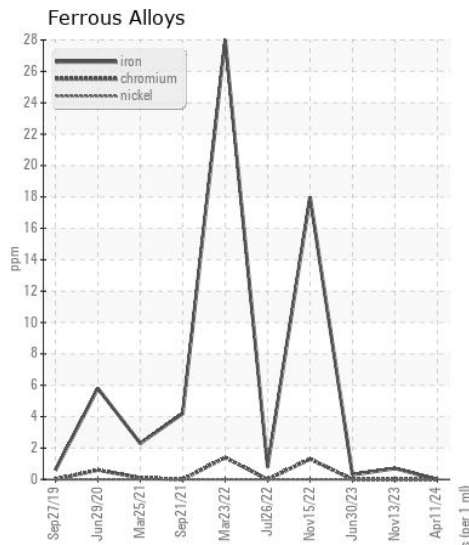
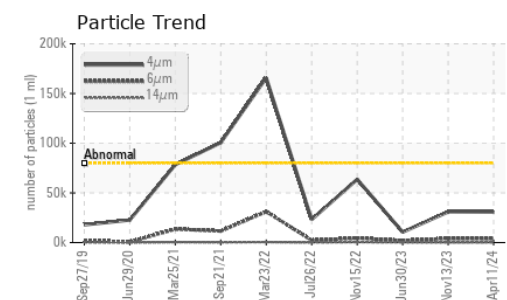
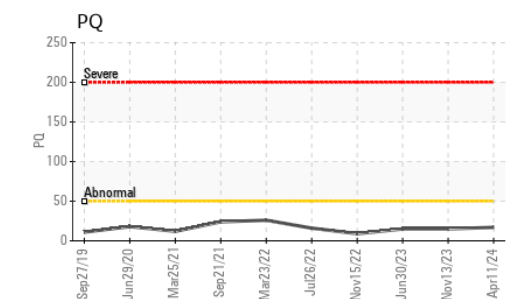
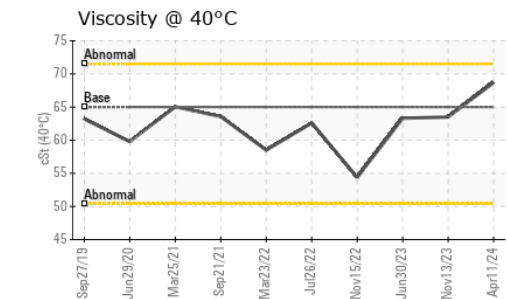
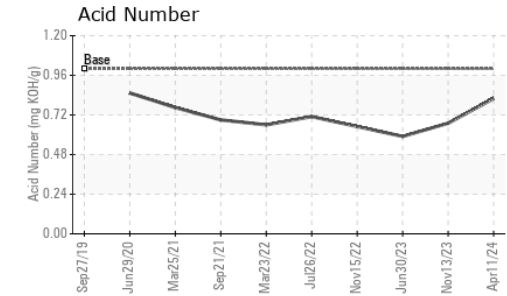
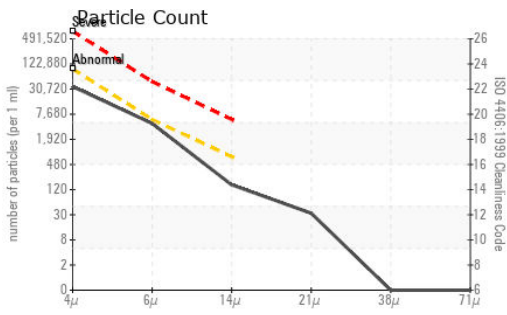
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

Silicon	ppm	ASTM D5185m	>24	<1	<1	<1
Potassium	ppm	ASTM D5185m	>20	0	<1	<1
Water		WC Method	>0.075	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>80000	30616	30934	10545
Particles >6µm		ASTM D7647	>5000	4023	4080	2028
Particles >14µm		ASTM D7647	>640	138	86	90
Particles >21µm		ASTM D7647	>160	29	14	16
Particles >38µm		ASTM D7647	>40	0	0	1
Particles >71µm		ASTM D7647	>10	0	0	0
Oil Cleanliness		ISO 4406 (c)	>23/19/16	22/19/14	22/19/14	21/18/14
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	>0.075	NEG	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	0	0	0
Boron	ppm	ASTM D5185m		0	7	7
Barium	ppm	ASTM D5185m		0	6	0
Molybdenum	ppm	ASTM D5185m		0	7	8
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m		6	23	20
Calcium	ppm	ASTM D5185m	87	100	121	122
Phosphorus	ppm	ASTM D5185m	727	691	614	659
Zinc	ppm	ASTM D5185m	900	859	800	845
Sulfur	ppm	ASTM D5185m	1500	1810	1603	1761
Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.82	0.67	0.59
Visc @ 40°C	cSt	ASTM D445	65	68.7	63.5	63.3



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : JR0206266

Lab Number : 06148554

Unique Number : 10978632

Test Package : CONST (Additional Tests: PQ)

Received : 15 Apr 2024

Tested : 16 Apr 2024

Diagnosed : 16 Apr 2024 - Wes Davis

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)

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