



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[A35757]
 Machine Id
JOHN DEERE 950K 1T0950KXJRF458831
 Component
Hydrostatic
 Fluid
JOHN DEERE HYDRAU (30 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: A35757)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WE0007611	WE0006663	WE0006619
Sample Date		Client Info		26 Jun 2024	16 Apr 2024	07 Feb 2024
Machine Age	hrs	Client Info		200	263	55
Oil Age	hrs	Client Info		519	200	6
Filter Age	hrs	Client Info		519	200	6
Oil Changed		Client Info		Not Changd	Not Changd	Changed
Filter Changed		Client Info		None	None	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
Iron	ppm	ASTM D5185m	>31	4	3	2
Chromium	ppm	ASTM D5185m	>9	<1	0	0
Nickel	ppm	ASTM D5185m	>5	<1	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>10	2	<1	0
Lead	ppm	ASTM D5185m	>11	<1	<1	0
Copper	ppm	ASTM D5185m	>41	3	4	<1
Tin	ppm	ASTM D5185m	>5	<1	<1	0
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

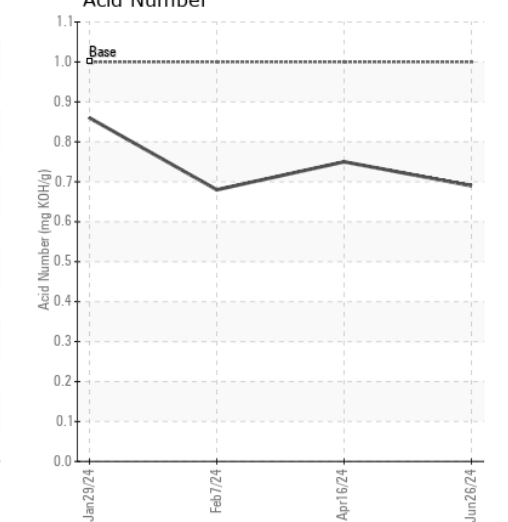
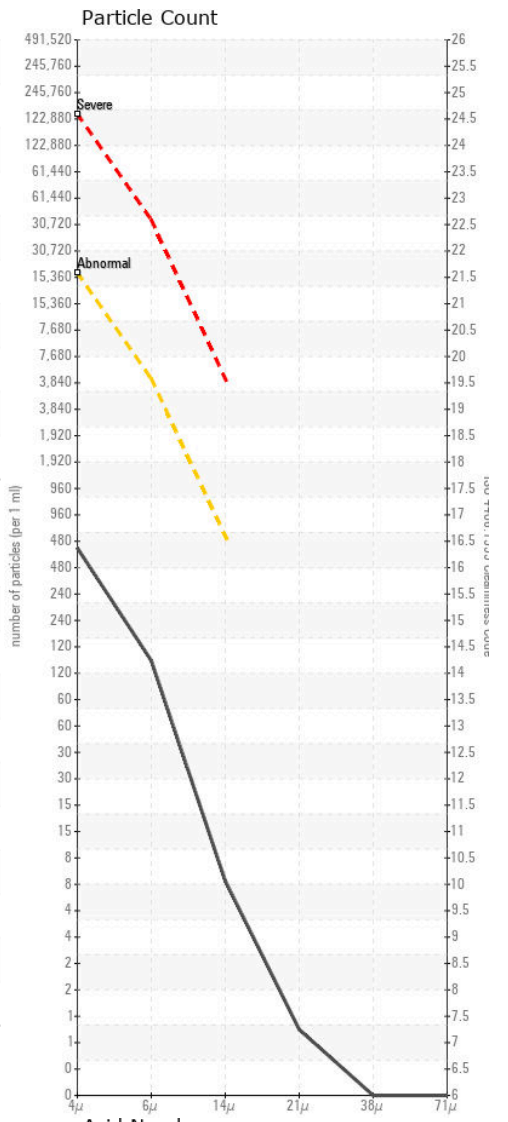
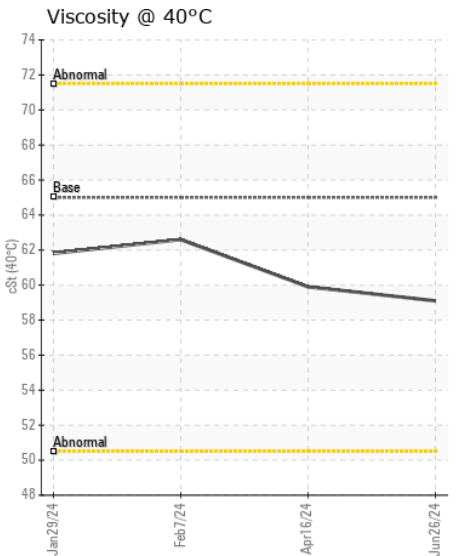
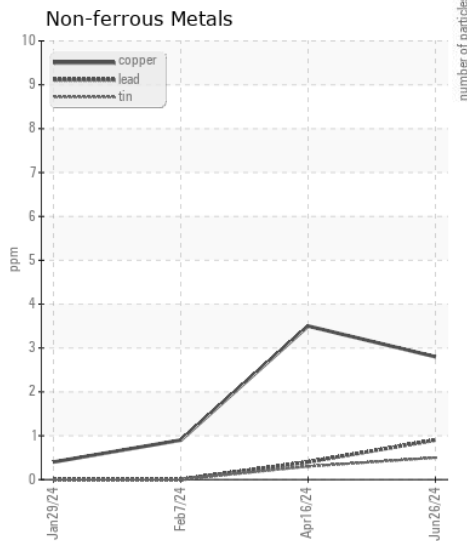
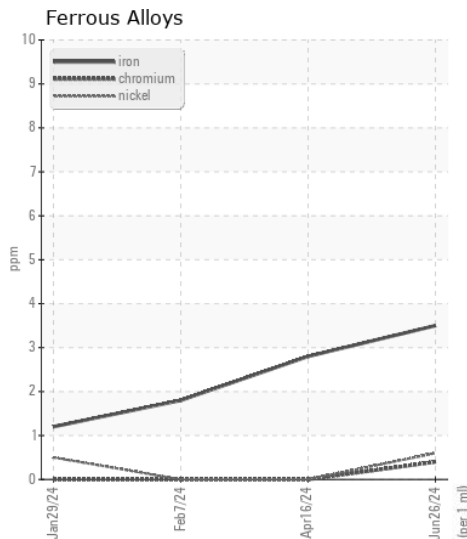
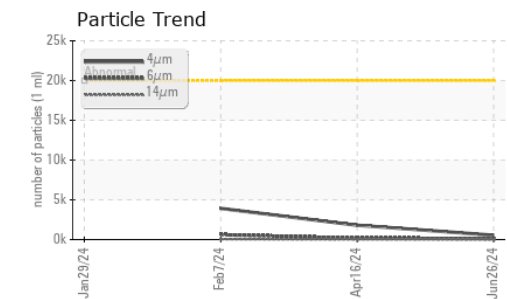
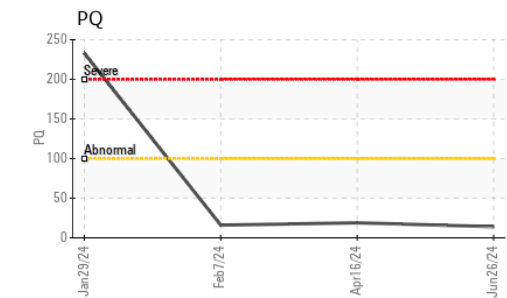
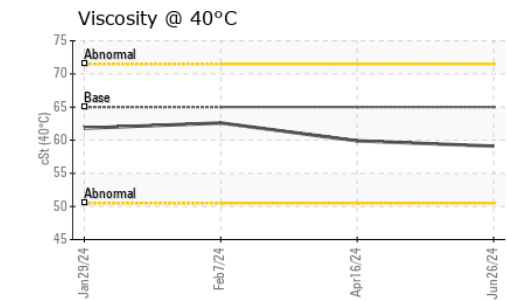
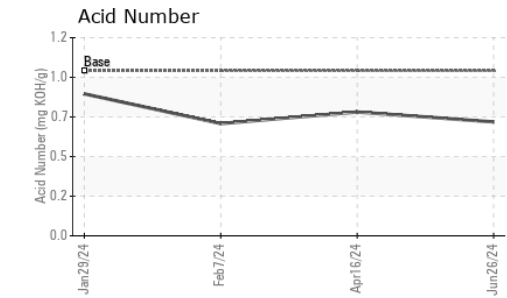
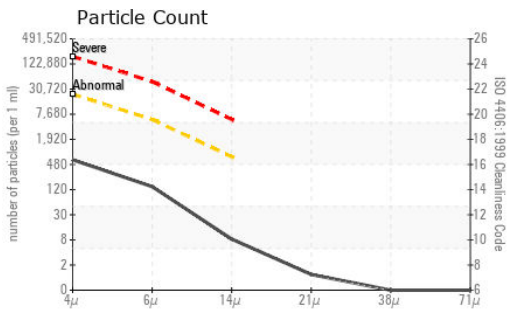
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

Silicon	ppm	ASTM D5185m	>31	2	<1	<1
Potassium	ppm	ASTM D5185m	>20	2	3	0
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>20000	546	1803	3920
Particles >6µm		ASTM D7647	>5000	125	167	614
Particles >14µm		ASTM D7647	>640	7	18	52
Particles >21µm		ASTM D7647	>160	1	5	15
Particles >38µm		ASTM D7647	>40	0	1	1
Particles >71µm		ASTM D7647	>10	0	0	0
Oil Cleanliness		ISO 4406 (c)	>21/19/16	16/14/10	18/15/11	19/16/13
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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m	>21	0	2	0
Boron	ppm	ASTM D5185m		<1	0	0
Barium	ppm	ASTM D5185m		1	0	0
Molybdenum	ppm	ASTM D5185m		<1	0	0
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		2	2	0
Calcium	ppm	ASTM D5185m	87	116	91	82
Phosphorus	ppm	ASTM D5185m	727	592	676	640
Zinc	ppm	ASTM D5185m	900	840	826	828
Sulfur	ppm	ASTM D5185m	1500	1812	1981	1435
Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.69	0.75	0.68
Visc @ 40°C	cSt	ASTM D445	65	59.1	59.9	62.6



Certificate L2367

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

Sample No. : WE0007611

Lab Number : 06223395

Unique Number : 11101592

Test Package : CONST (Additional Tests: PQ, PrtCount)

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)

Received : 28 Jun 2024

Tested : 01 Jul 2024

Diagnosed : 01 Jul 2024 - Don Baldrige

WARRIOR TRACTOR AND EQUIPMENT - HUNTSVILLE

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MADISON, AL

US 35756

Contact: HERBERT STONE

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T:

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