



**James River  
Equipment**

OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**JOHN DEERE 605K 1T0605KXJGE300684**

Component  
**Hydraulic System**

Fluid  
**JOHN DEERE HYDRAU (--- QTS)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0208092</b>	JR0136799	JR0056565
Sample Date		Client Info		<b>18 Mar 2024</b>	29 Jul 2022	03 Aug 2020
Machine Age	hrs	Client Info		<b>2956</b>	1454	1454
Oil Age	hrs	Client Info		<b>1502</b>	1454	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	Changed	Not Changd
Filter Changed		Client Info		<b>Not Changd</b>	Changed	Not Changd
Sample Status				<b>NORMAL</b>	ABNORMAL	ATTENTION

**WEAR**

All component wear rates are normal.

PQ		ASTM D8184		<b>15</b>	20	16
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

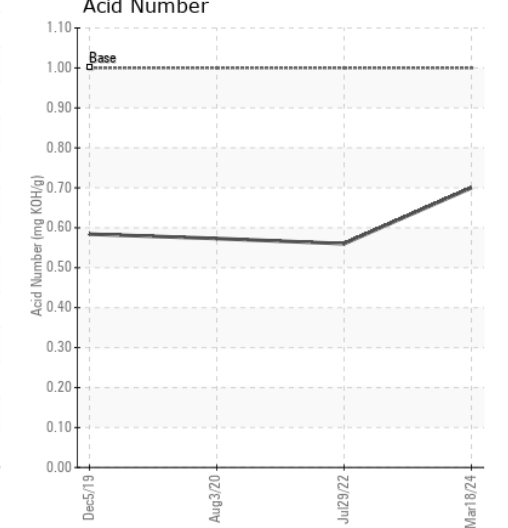
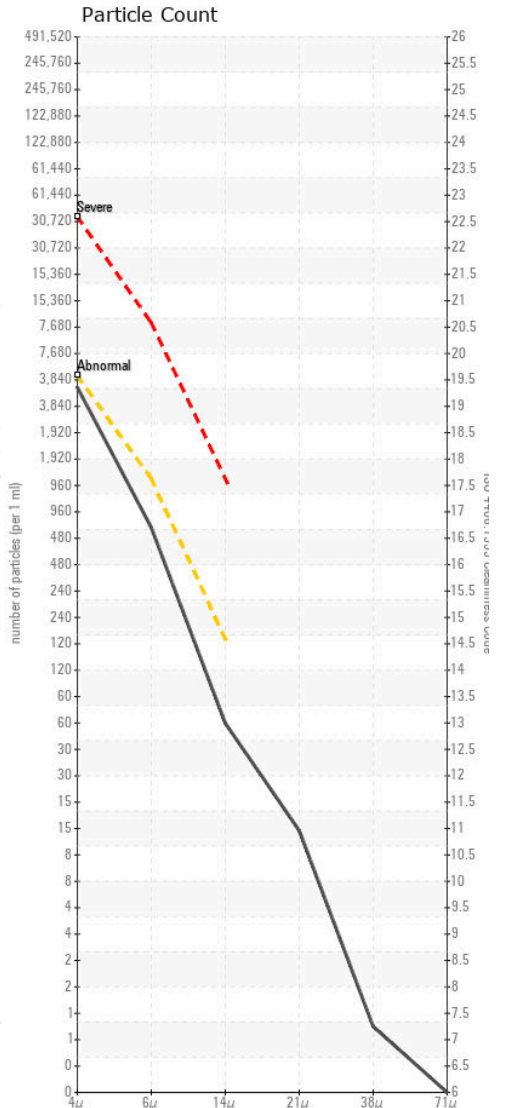
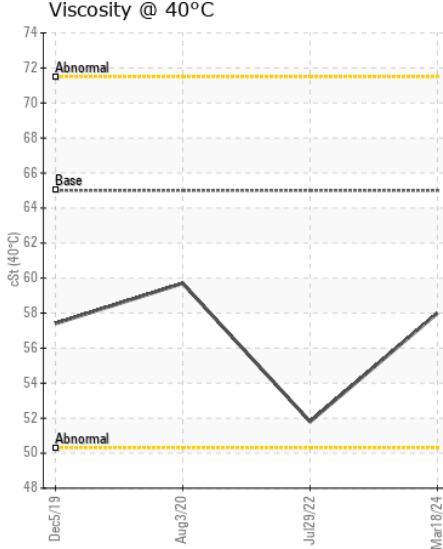
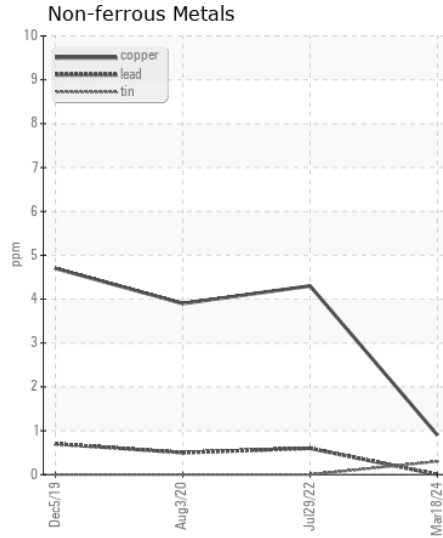
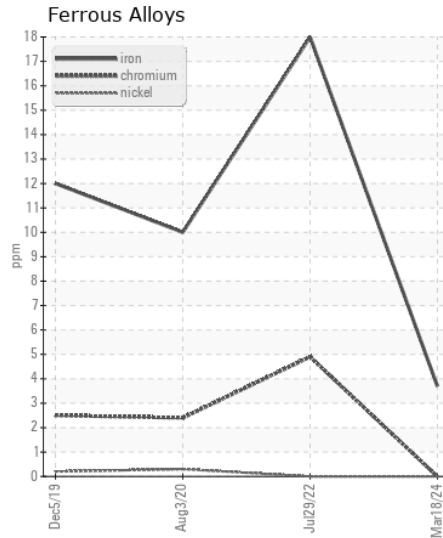
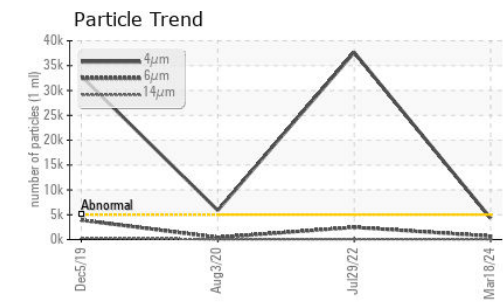
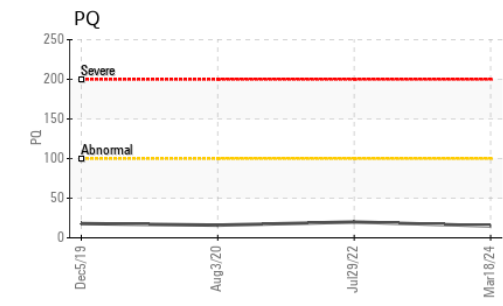
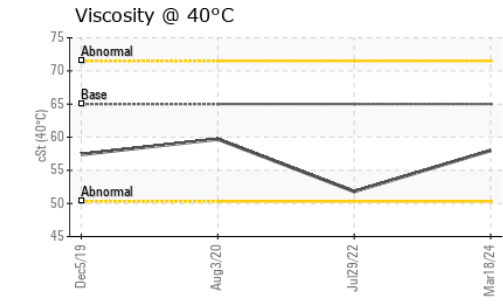
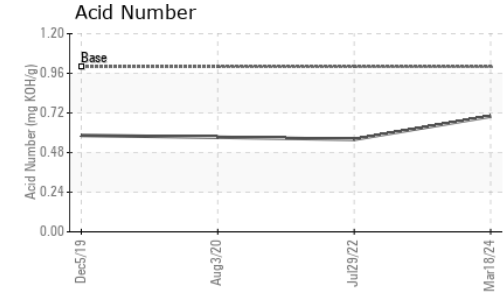
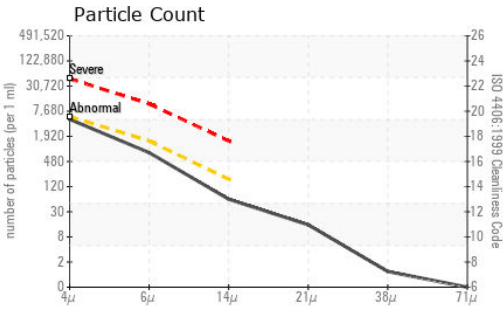
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Particles >4µm		ASTM D7647	>5000	<b>4295</b>	▲ 37660	● 5879
Particles >6µm		ASTM D7647	>1300	<b>685</b>	● 2463	432
Particles >14µm		ASTM D7647	>160	<b>53</b>	80	42
Particles >21µm		ASTM D7647	>40	<b>13</b>	17	13
Particles >38µm		ASTM D7647	>10	<b>1</b>	0	0
Particles >71µm		ASTM D7647	>3	<b>0</b>	0	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<b>19/17/13</b>	▲ 22/18/13	● 20/16/13
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>LIGHT</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

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

Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	<b>0.70</b>	0.56	0.573
Visc @ 40°C	cSt	ASTM D445	65	<b>58.0</b>	51.8	59.7



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0208092 **Received** : 20 Mar 2024  
**Lab Number** : 06123559 **Tested** : 22 Mar 2024  
**Unique Number** : 10937710 **Diagnosed** : 22 Mar 2024 - Wes Davis  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - MANASSAS PARK**  
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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)