



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

Area  
**[47720]**  
 Machine Id  
**JOHN DEERE 260E PM051775 (S/N 1DW260ETPJF688614)**  
 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		<b>JR0225687</b>	JR0210366	JR0187757
Sample Date		Client Info		<b>10 Jul 2024</b>	08 Mar 2024	25 Sep 2023
Machine Age	hrs	Client Info		<b>5970</b>	5461	4956
Oil Age	hrs	Client Info		<b>4538</b>	5461	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Chngd</b>	N/A	Not Chngd
Filter Changed		Client Info		<b>Not Chngd</b>	N/A	Not Chngd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>50	<b>13</b>	15	9
Iron	ppm	ASTM D5185m	>71	<b>9</b>	9	8
Chromium	ppm	ASTM D5185m	>11	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185m	>6	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>11	<b>1</b>	<1	4
Lead	ppm	ASTM D5185m	>13	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>21	<b>0</b>	2	2
Tin	ppm	ASTM D5185m	>5	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

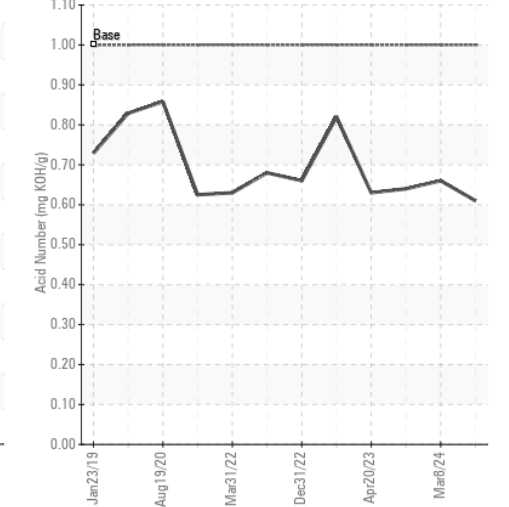
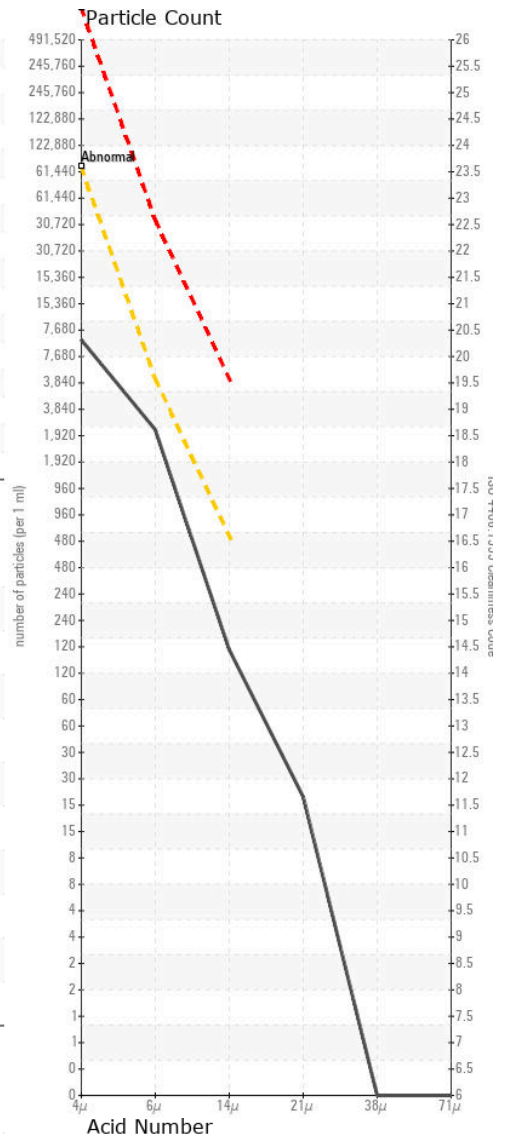
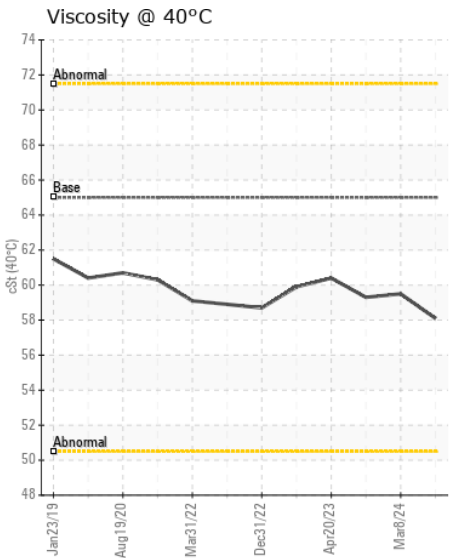
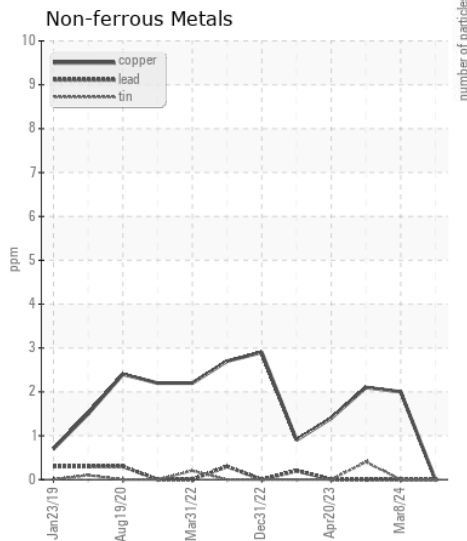
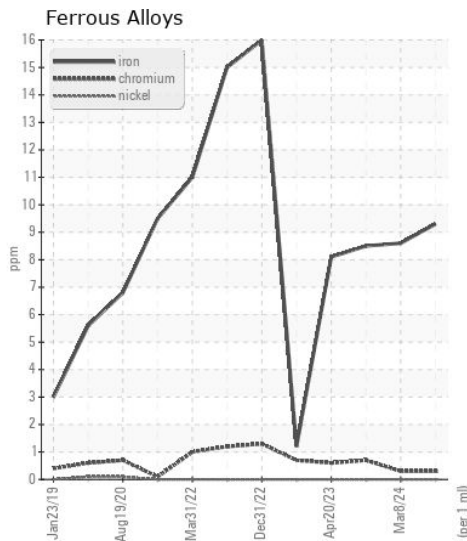
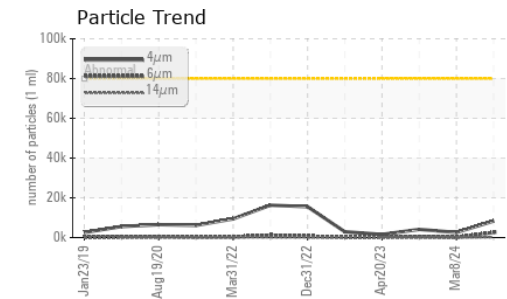
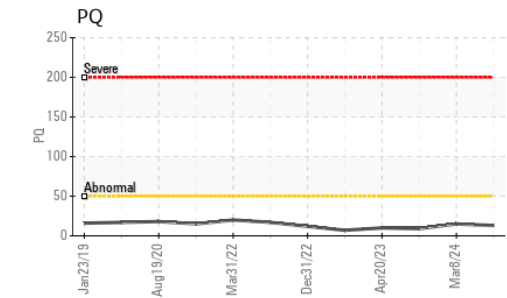
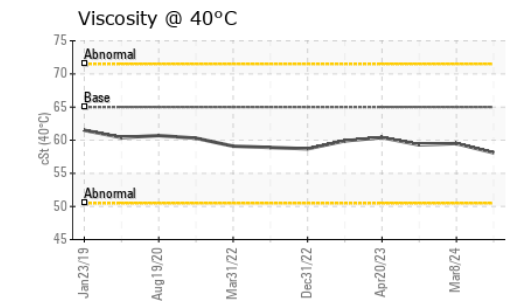
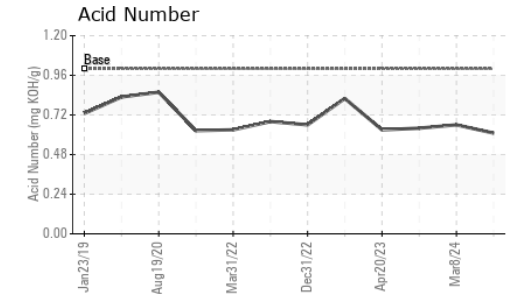
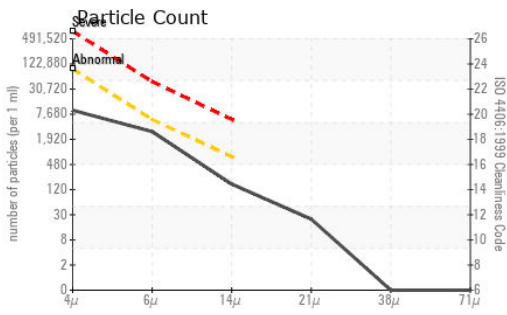
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

Silicon	ppm	ASTM D5185m	>24	<b>3</b>	2	2
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	0	2
Water		WC Method	>0.075	<b>NEG</b>	NEG	NEG
Particles >4µm		ASTM D7647	>80000	<b>8316</b>	2573	4113
Particles >6µm		ASTM D7647	>5000	<b>2563</b>	155	398
Particles >14µm		ASTM D7647	>640	<b>144</b>	17	31
Particles >21µm		ASTM D7647	>160	<b>21</b>	4	10
Particles >38µm		ASTM D7647	>40	<b>0</b>	0	1
Particles >71µm		ASTM D7647	>10	<b>0</b>	0	0
Oil Cleanliness		ISO 4406 (c)	>23/19/16	<b>20/19/14</b>	19/14/11	19/16/12
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	LIGHT
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	>0.075	<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.

Sodium	ppm	ASTM D5185m	>21	<b>2</b>	2	2
Boron	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>0</b>	0	<1
Magnesium	ppm	ASTM D5185m		<b>5</b>	0	2
Calcium	ppm	ASTM D5185m	87	<b>130</b>	100	114
Phosphorus	ppm	ASTM D5185m	727	<b>716</b>	550	620
Zinc	ppm	ASTM D5185m	900	<b>923</b>	707	833
Sulfur	ppm	ASTM D5185m	1500	<b>2096</b>	1557	1719
Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	<b>0.61</b>	0.66	0.64
Visc @ 40°C	cSt	ASTM D445	65	<b>58.1</b>	59.5	59.3



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0225687  
**Lab Number** : 06233174  
**Unique Number** : 11116667  
**Test Package** : CONST ( Additional Tests: PQ )

**HERITAGE SITE DEVELOPMENT**  
 26 CATTLEMANS DR  
 BERRYVILLE, VA  
 US 20134  
 Contact: SERVICE MANAGER  
 dieselpro44@yahoo.com  
 T: (540)327-2857  
 F:

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)