



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



Area

**MONCURE**

Machine Id

**JOHN DEERE 772GP M11-0371 1DW772GPTEF66356**

Component

**Differential**

Fluid

**TDH FLUID SAE 75W80 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TDH FLUID SAE 75W80. Please confirm.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0209247</b>	---	---
Sample Date		Client Info		<b>08 Apr 2024</b>	---	---
Machine Age	hrs	Client Info		<b>4823</b>	---	---
Oil Age	hrs	Client Info		<b>0</b>	---	---
Filter Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>Changed</b>	---	---
Filter Changed		Client Info		<b>Changed</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

### WEAR

All component wear rates are normal.

PQ		ASTM D8184		<b>28</b>	---	---
Iron	ppm	ASTM D5185m	>1501	<b>53</b>	---	---
Chromium	ppm	ASTM D5185m	>11	<b>0</b>	---	---
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	---	---
Titanium	ppm	ASTM D5185m		<b>0</b>	---	---
Silver	ppm	ASTM D5185m		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185m	>21	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185m	>51	<b>&lt;1</b>	---	---
Copper	ppm	ASTM D5185m	>101	<b>10</b>	---	---
Tin	ppm	ASTM D5185m	>10	<b>1</b>	---	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	---	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---

### CONTAMINATION

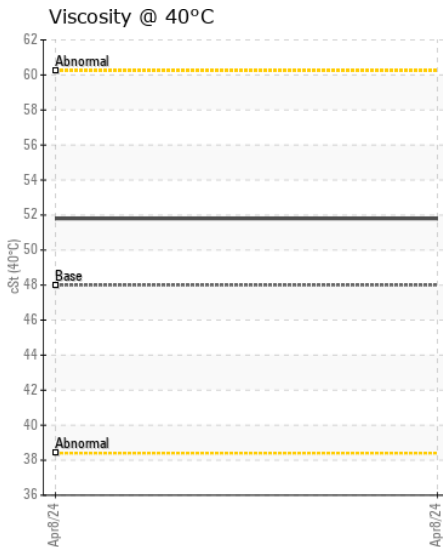
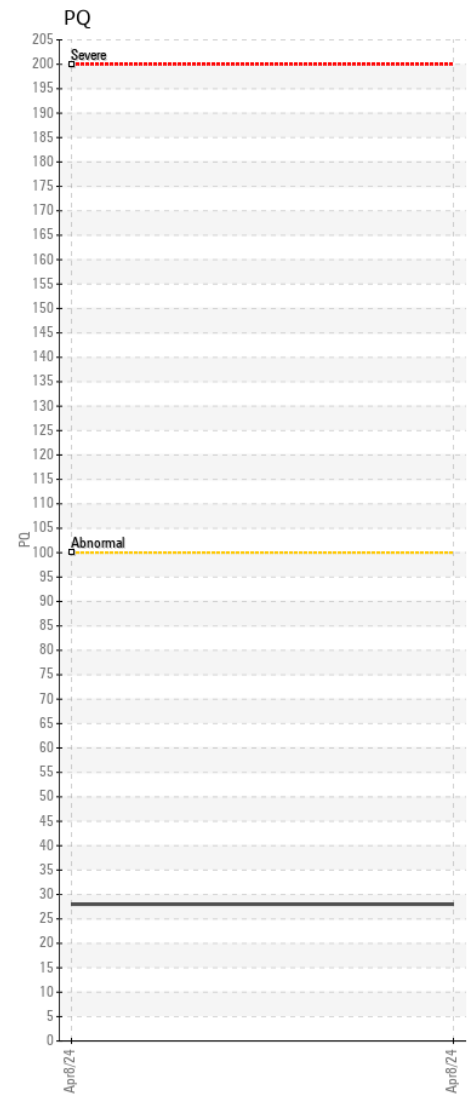
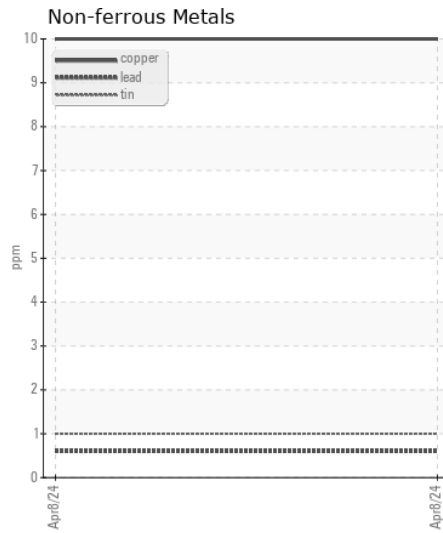
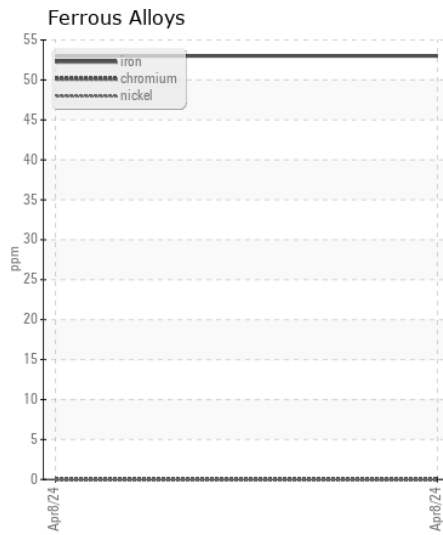
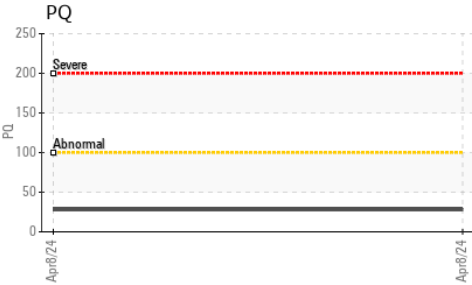
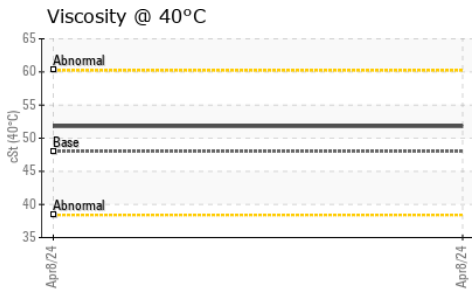
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	<b>23</b>	---	---
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	---	---
Water		WC Method	>0.1	<b>NEG</b>	---	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	---	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	---	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	---	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	---	---

### FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	<b>4</b>	---	---
Boron	ppm	ASTM D5185m	10	<b>&lt;1</b>	---	---
Barium	ppm	ASTM D5185m	10	<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185m	10	<b>&lt;1</b>	---	---
Manganese	ppm	ASTM D5185m		<b>1</b>	---	---
Magnesium	ppm	ASTM D5185m	100	<b>86</b>	---	---
Calcium	ppm	ASTM D5185m	3500	<b>3131</b>	---	---
Phosphorus	ppm	ASTM D5185m	1150	<b>1078</b>	---	---
Zinc	ppm	ASTM D5185m	1150	<b>1191</b>	---	---
Sulfur	ppm	ASTM D5185m	5000	<b>4255</b>	---	---
Visc @ 40°C	cSt	ASTM D445	48	<b>51.8</b>	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0209247 **Received** : 17 Apr 2024  
**Lab Number** : 06152247 **Tested** : 18 Apr 2024  
**Unique Number** : 10982325 **Diagnosed** : 18 Apr 2024 - Wes Davis  
**Test Package** : CONST ( Additional Tests: PQ )

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)

**LUCK STONE**  
 19380 RICHMOND TURNPIKE  
 MILFORD, VA  
 US 22514

Contact: BRYAN MORRIS  
 bmorris@luckstone.com

T: (804)400-3630

F: x: