



# OIL ANALYSIS REPORT

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

Area  
**Store 9 - Marietta [111757]**  
Machine Id  
**PRINOTH T12 935300161**  
Component  
**Pump Drive**  
Fluid  
**JOHN DEERE GL-5 80W90 (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>LEC0018829</b>	LEC0009607	---
Sample Date		Client Info		<b>30 Dec 2020</b>	21 Nov 2019	---
Machine Age	hrs	Client Info		<b>983</b>	555	---
Oil Age	hrs	Client Info		<b>332</b>	555	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Changed</b>	Changed	---
Filter Changed		Client Info		<b>Not Changed</b>	N/A	---
Sample Status				<b>NORMAL</b>	ATTENTION	---

## WEAR

All component wear rates are normal.

PQ		ASTM D8184		<b>27</b>	19	---
Iron	ppm	ASTM D5185m	>500	<b>71</b>	22	---
Chromium	ppm	ASTM D5185m	>15	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185m		<b>0</b>	0	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Silver	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Aluminum	ppm	ASTM D5185m	>20	<b>5</b>	0	---
Lead	ppm	ASTM D5185m		<b>2</b>	1	---
Copper	ppm	ASTM D5185m	>35	<b>1</b>	0	---
Tin	ppm	ASTM D5185m	>4	<b>0</b>	<1	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

## CONTAMINATION

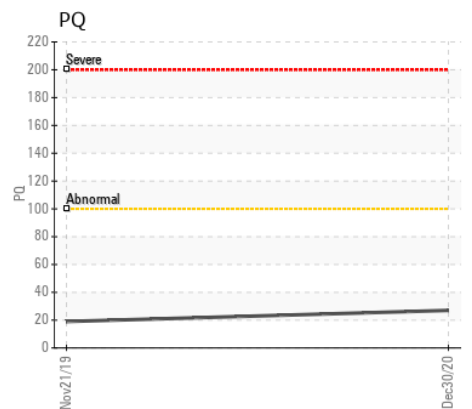
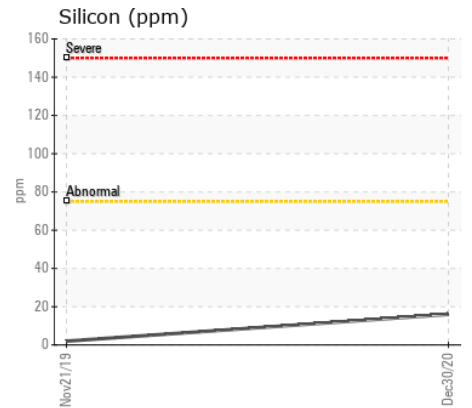
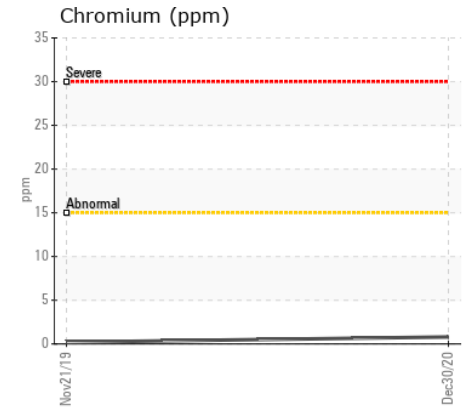
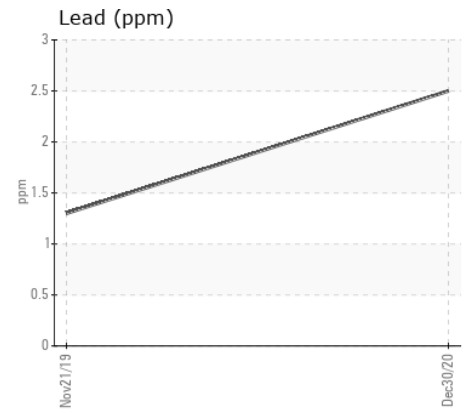
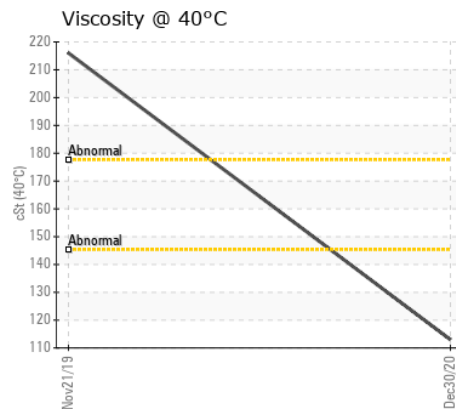
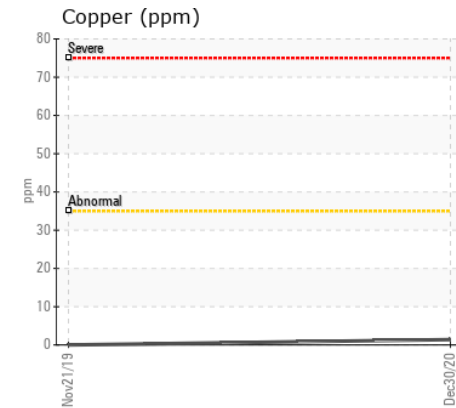
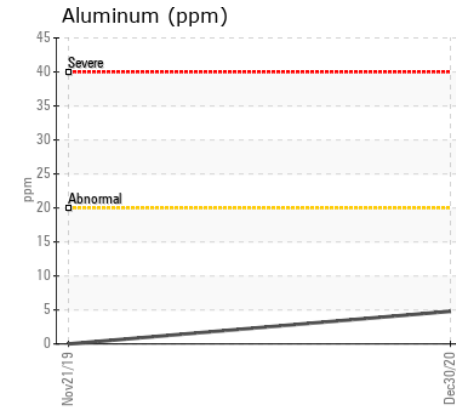
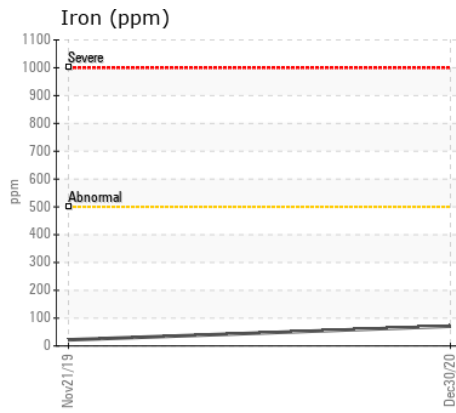
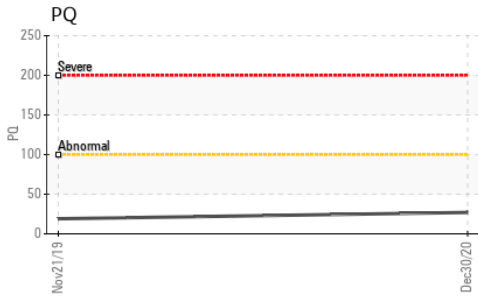
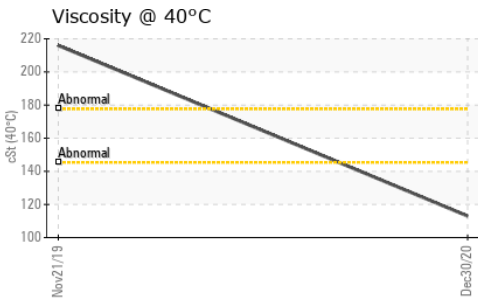
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>16</b>	2	---
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	<1	---
Water		WC Method	>0.2	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.2	<b>NEG</b>	NEG	---

## FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>3</b>	2	---
Boron	ppm	ASTM D5185m		<b>18</b>	7	---
Barium	ppm	ASTM D5185m		<b>0</b>	6	---
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Manganese	ppm	ASTM D5185m		<b>4</b>	3	---
Magnesium	ppm	ASTM D5185m		<b>20</b>	<1	---
Calcium	ppm	ASTM D5185m		<b>33</b>	19	---
Phosphorus	ppm	ASTM D5185m		<b>368</b>	325	---
Zinc	ppm	ASTM D5185m		<b>55</b>	26	---
Sulfur	ppm	ASTM D5185m		<b>12689</b>	1754	---
Visc @ 40°C	cSt	ASTM D445		<b>113</b>	216	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LEC0018829 **Received** : 05 Jan 2021  
**Lab Number** : 05149790 **Tested** : 06 Jan 2021  
**Unique Number** : 9310070 **Diagnosed** : 06 Jan 2021 - Don Baldrige  
**Test Package** : MOBCE ( Additional Tests: PQ )

**LESLIE EQUIPMENT COMPANY**  
 105 TENNIS CENTER DR.  
 MARIETTA, OH  
 US 45750-9765  
 Contact: LEANNE KENDALL  
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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)

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