



OIL ANALYSIS REPORT

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

Area  
**Store 9 - Marietta [RO#134569]**  
Machine Id  
**PRINOTH T14R 935310196**  
Component  
**Pump Drive**  
Fluid  
**JOHN DEERE GL-5 80W90 (0 GAL)**

**RECOMMENDATION**

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>LEC0035475</b>	LEC0028358	LEC0016932
Sample Date		Client Info		<b>30 Dec 2022</b>	07 Feb 2022	12 Jan 2021
Machine Age	hrs	Client Info		<b>1574</b>	1114	529
Oil Age	hrs	Client Info		<b>460</b>	585	529
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	Changed	Changed
Filter Changed		Client Info		<b>N/A</b>	None	Not Changd
Sample Status				<b>ABNORMAL</b>	NORMAL	NORMAL

**WEAR**

All component wear rates are normal.

PQ		ASTM D8184		<b>20</b>	26	17
Iron	ppm	ASTM D5185m	>500	<b>105</b>	163	38
Chromium	ppm	ASTM D5185m	>15	<b>&lt;1</b>	2	<1
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	1	0
Silver	ppm	ASTM D5185m		<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185m	>20	<b>4</b>	15	0
Lead	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Copper	ppm	ASTM D5185m	>35	<b>5</b>	<1	<1
Tin	ppm	ASTM D5185m	>4	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	LIGHT	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

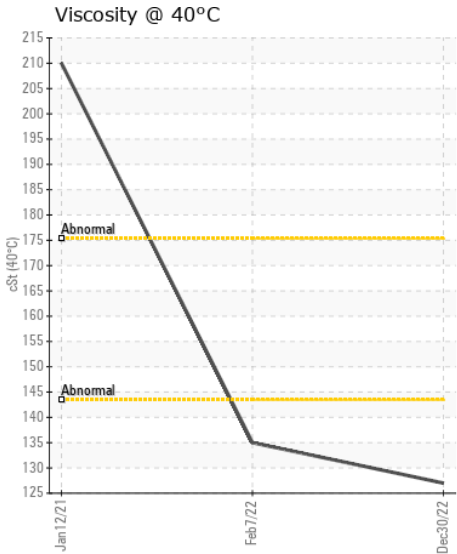
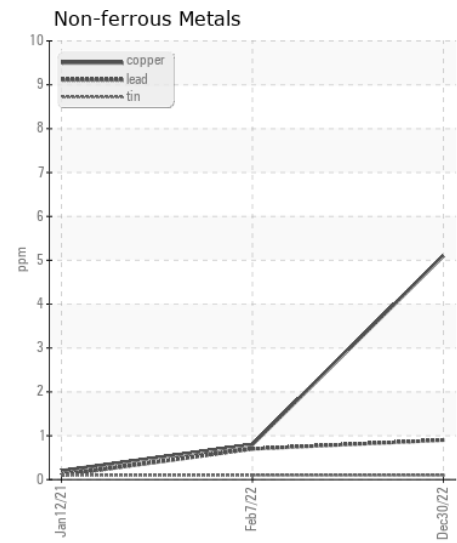
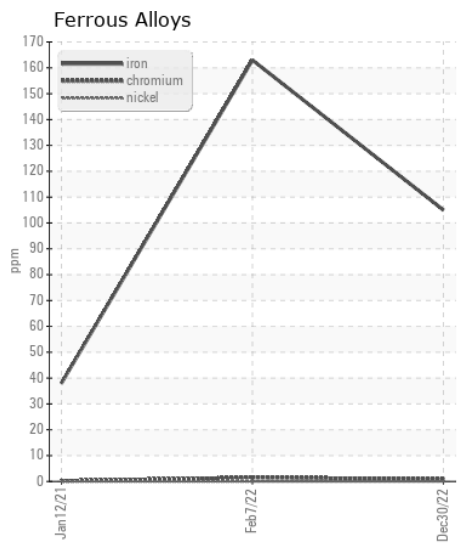
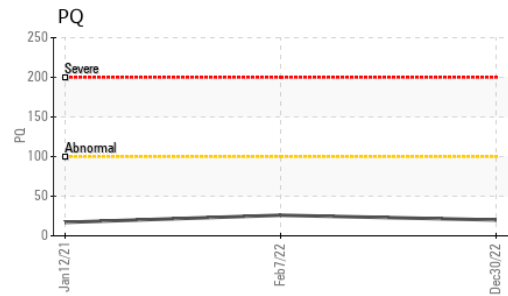
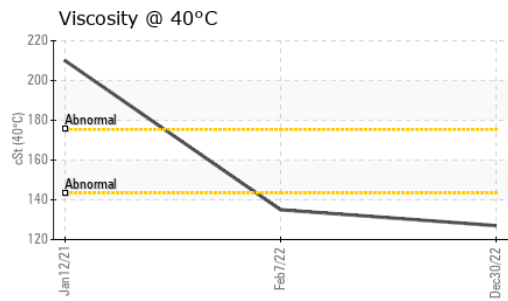
Moderate concentration of visible dirt/debris present in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>9</b>	45	2
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	4	<1
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>▲ MODER</b>	VLITE	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	>0.2	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185m		<b>1</b>	2	3
Boron	ppm	ASTM D5185m		<b>4</b>	9	11
Barium	ppm	ASTM D5185m		<b>0</b>	9	0
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Manganese	ppm	ASTM D5185m		<b>3</b>	5	2
Magnesium	ppm	ASTM D5185m		<b>10</b>	15	3
Calcium	ppm	ASTM D5185m		<b>28</b>	195	15
Phosphorus	ppm	ASTM D5185m		<b>343</b>	357	387
Zinc	ppm	ASTM D5185m		<b>27</b>	77	25
Sulfur	ppm	ASTM D5185m		<b>20261</b>	12797	5310
Visc @ 40°C	cSt	ASTM D445		<b>127</b>	135	210



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LEC0035475 **Received** : 05 Jan 2023  
**Lab Number** : 05731208 **Diagnosed** : 06 Jan 2023  
**Unique Number** : 10280806 **Diagnostician** : Don Baldrige  
**Test Package** : CONST ( Additional Tests: PQ )

**LESLIE EQUIPMENT COMPANY**  
 105 TENNIS CENTER DR.  
 MARIETTA, OH  
 US 45750-9765  
 Contact: LEANNE KENDALL  
 KendalLeanne@lec1.com  
 T:  
 F: (740)373-5570

Certificate L2367  
 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)