



OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Store 4 - Fairmont
Machine Id
PRINOTH T12 935300161
Component
Left Final Drive
Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- GAL)

RECOMMENDATION

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0049131	LEC0018830	LEC0009606
Sample Date		Client Info		16 Apr 2024	30 Dec 2020	21 Nov 2019
Machine Age	hrs	Client Info		1996	983	555
Oil Age	hrs	Client Info		1013	332	555
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL

WEAR

Bearing and/or bushing wear is indicated. All other component wear rates are normal.

PQ		ASTM D8184		51	124	186
Iron	ppm	ASTM D5185m	>500	343	170	192
Chromium	ppm	ASTM D5185m	>10	5	2	3
Nickel	ppm	ASTM D5185m	>10	0	0	<1
Titanium	ppm	ASTM D5185m		3	2	3
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	6	2	<1
Lead	ppm	ASTM D5185m	>25	▲ 255	▲ 130	▲ 216
Copper	ppm	ASTM D5185m	>50	▲ 191	26	19
Tin	ppm	ASTM D5185m	>10	3	<1	2
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

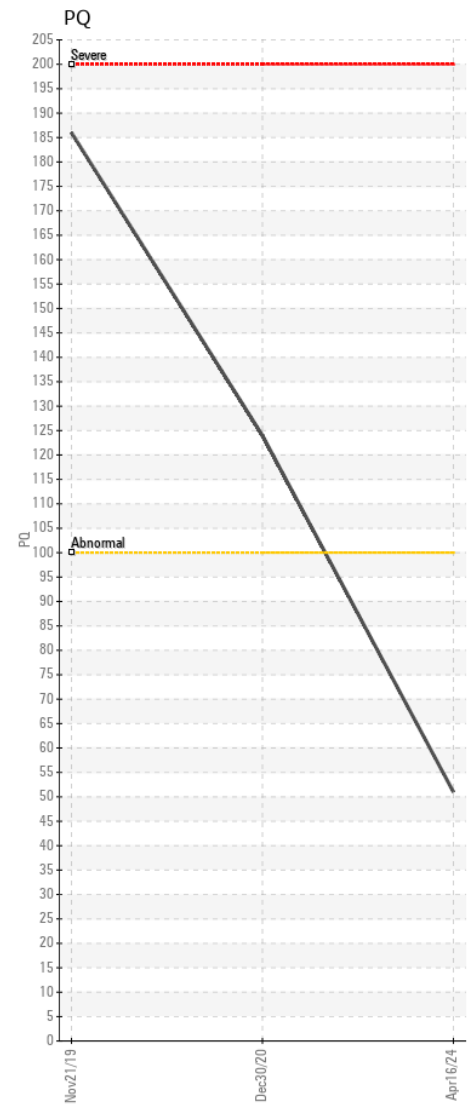
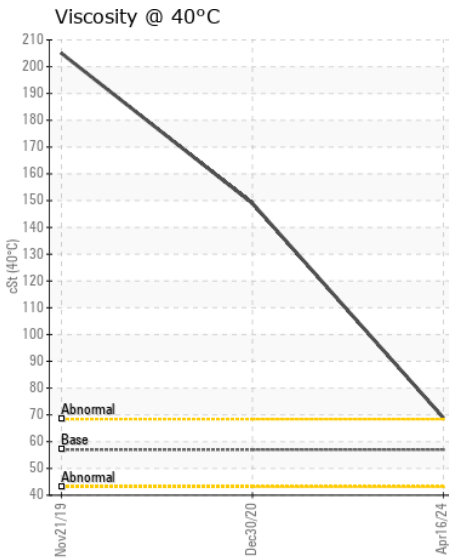
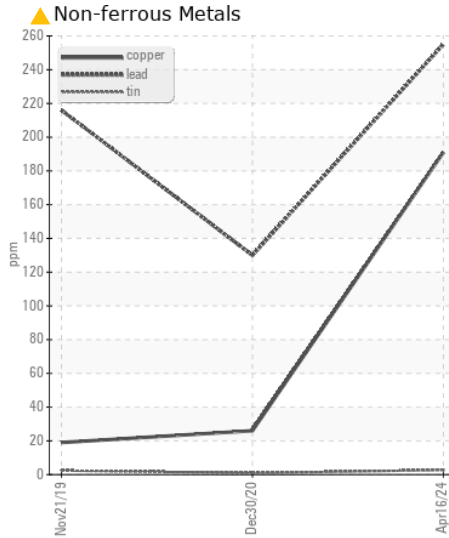
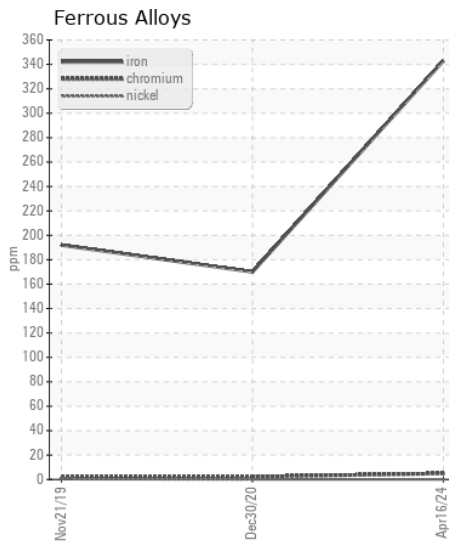
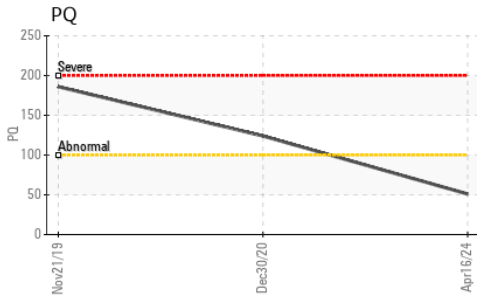
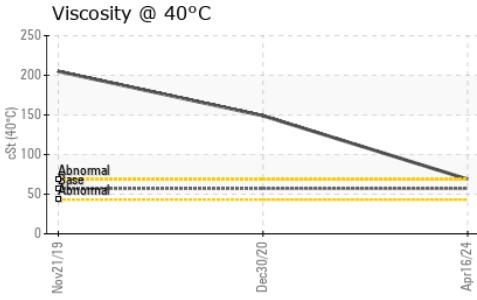
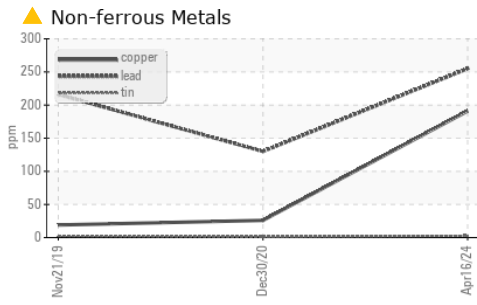
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	27	5	4
Potassium	ppm	ASTM D5185m	>20	0	0	0
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		5	8	12
Boron	ppm	ASTM D5185m	6	23	19	7
Barium	ppm	ASTM D5185m	0	75	48	92
Molybdenum	ppm	ASTM D5185m	0	<1	<1	0
Manganese	ppm	ASTM D5185m		4	3	4
Magnesium	ppm	ASTM D5185m	145	84	3	2
Calcium	ppm	ASTM D5185m	3570	2345	8	9
Phosphorus	ppm	ASTM D5185m	1290	863	332	311
Zinc	ppm	ASTM D5185m	1640	804	16	19
Sulfur	ppm	ASTM D5185m		7563	12462	1778
Visc @ 40°C	cSt	ASTM D445	57.0	68.9	● 149	205



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0049131 **Received** : 25 Apr 2024
Lab Number : **06160683** **Tested** : 26 Apr 2024
Unique Number : 10996106 **Diagnosed** : 29 Apr 2024 - 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

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)

T:
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