



WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[W8924]

Machine Id

JOHN DEERE 904P 1DW904PAHPLX06066

Component

Front Differential

Fluid

JOHN DEERE HY-GARD HYD/TRANS (18 GAL)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor. (Customer Sample Comment: W8924)

WEAR

The copper level is abnormal. All other metal levels are typical for a new component breaking in.

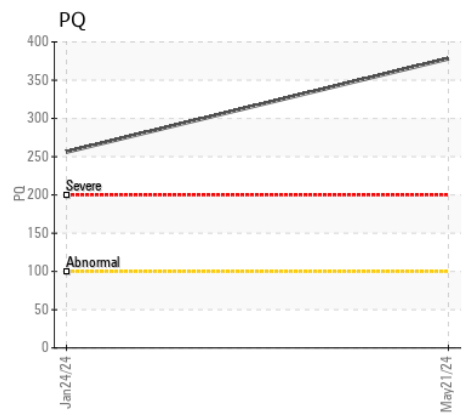
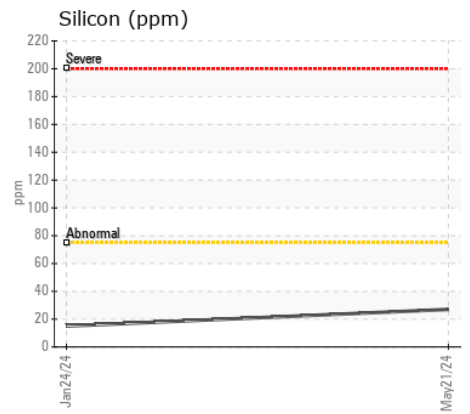
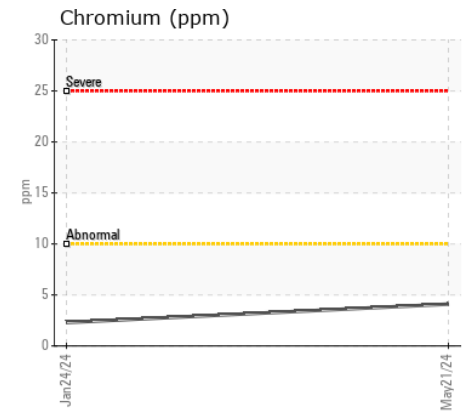
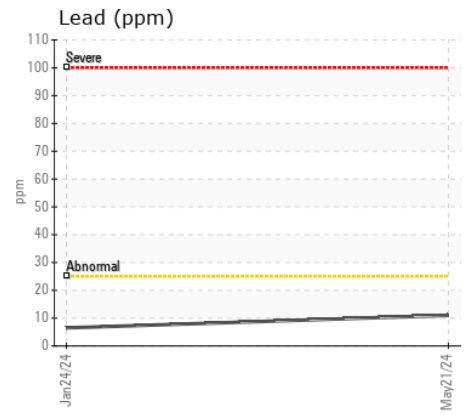
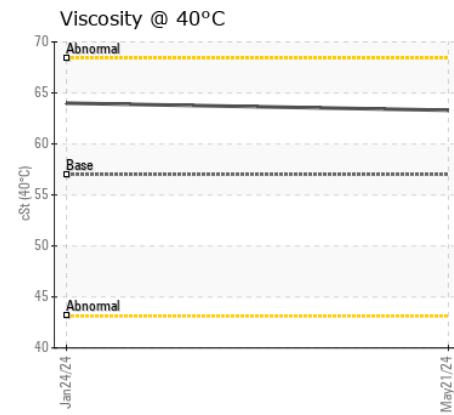
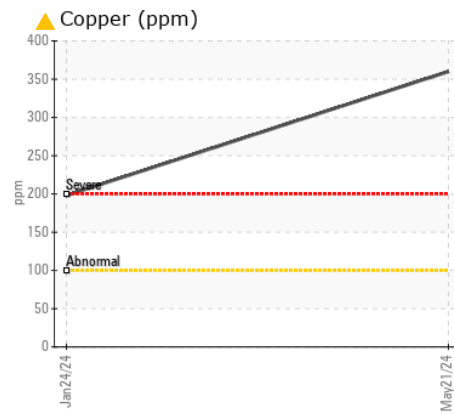
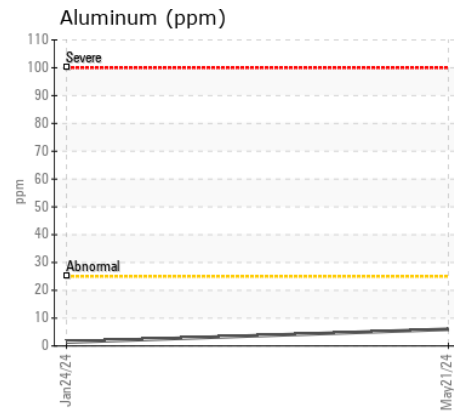
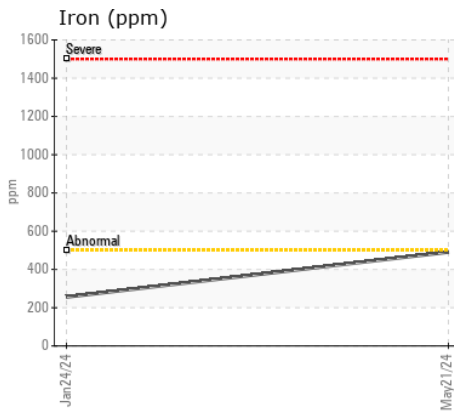
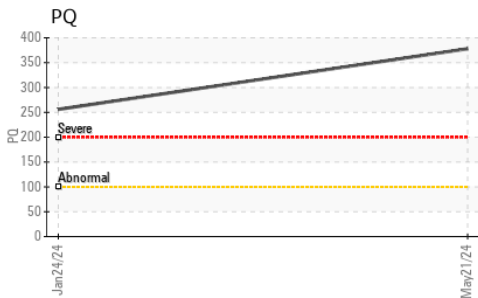
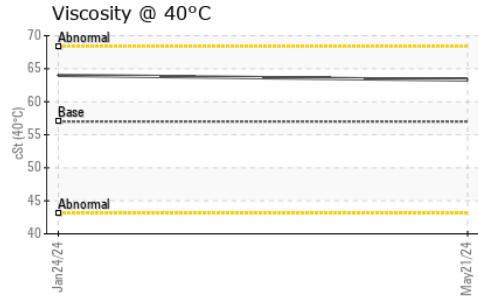
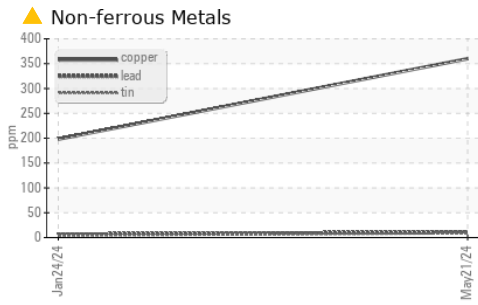
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0196845	JR0202644	---
Sample Date		Client Info		21 May 2024	24 Jan 2024	---
Machine Age	hrs	Client Info		1465	928	---
Oil Age	hrs	Client Info		1465	928	---
Filter Age	hrs	Client Info		500	0	---
Oil Changed		Client Info		Not Changed	Not Changed	---
Filter Changed		Client Info		Not Changed	Changed	---
Sample Status				ABNORMAL	ABNORMAL	---
PQ		ASTM D8184		378	256	---
Iron	ppm	ASTM D5185m	>500	491	256	---
Chromium	ppm	ASTM D5185m	>10	4	2	---
Nickel	ppm	ASTM D5185m	>10	6	4	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		<1	0	---
Aluminum	ppm	ASTM D5185m	>25	6	1	---
Lead	ppm	ASTM D5185m	>25	11	6	---
Copper	ppm	ASTM D5185m	>100	▲ 360	▲ 198	---
Tin	ppm	ASTM D5185m	>10	9	4	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>75	27	15	---
Potassium	ppm	ASTM D5185m	>20	4	4	---
Water		WC Method	>.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>.2	NEG	NEG	---
Sodium	ppm	ASTM D5185m		26	16	---
Boron	ppm	ASTM D5185m	6	136	119	---
Barium	ppm	ASTM D5185m	0	<1	0	---
Molybdenum	ppm	ASTM D5185m	0	<1	<1	---
Manganese	ppm	ASTM D5185m		78	61	---
Magnesium	ppm	ASTM D5185m	145	15	10	---
Calcium	ppm	ASTM D5185m	3570	3776	3447	---
Phosphorus	ppm	ASTM D5185m	1290	1173	1109	---
Zinc	ppm	ASTM D5185m	1640	1566	1416	---
Sulfur	ppm	ASTM D5185m		3819	3732	---
Visc @ 40°C	cSt	ASTM D445	57.0	63.3	64.0	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0196845 **Received** : 23 May 2024
Lab Number : 06189521 **Tested** : 25 May 2024
Unique Number : 11046273 **Diagnosed** : 28 May 2024 - Don Baldrige
Test Package : MOBCE (Additional Tests: PQ)

LUCK STONE - MANAKIN SABOT
 PO BOX 128
 MANAKIN SABOT, VA
 US 23103
 Contact: SERVICE MANAGER

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:
 F: (804)784-3081