



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Store 1 - Cowen [RO#151463]
Machine Id
JOHN DEERE 260P 1DW260PAHPFB06710
Component
Center Axle
Fluid
JOHN DEERE HY-GARD HYD/TRANS (10 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0051206	LEC0043507	---
Sample Date		Client Info		18 Jun 2024	13 Oct 2023	---
Machine Age	hrs	Client Info		1110	661	---
Oil Age	hrs	Client Info		1110	661	---
Filter Age	hrs	Client Info		1110	661	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		Not Changd	Not Changd	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184		37	132	---
Iron	ppm	ASTM D5185m	>1501	66	200	---
Chromium	ppm	ASTM D5185m	>11	<1	2	---
Nickel	ppm	ASTM D5185m	>10	2	10	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>21	2	4	---
Lead	ppm	ASTM D5185m	>51	<1	0	---
Copper	ppm	ASTM D5185m	>101	35	71	---
Tin	ppm	ASTM D5185m	>10	2	4	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

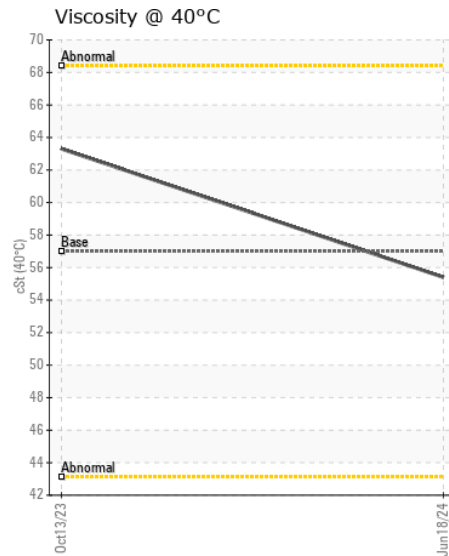
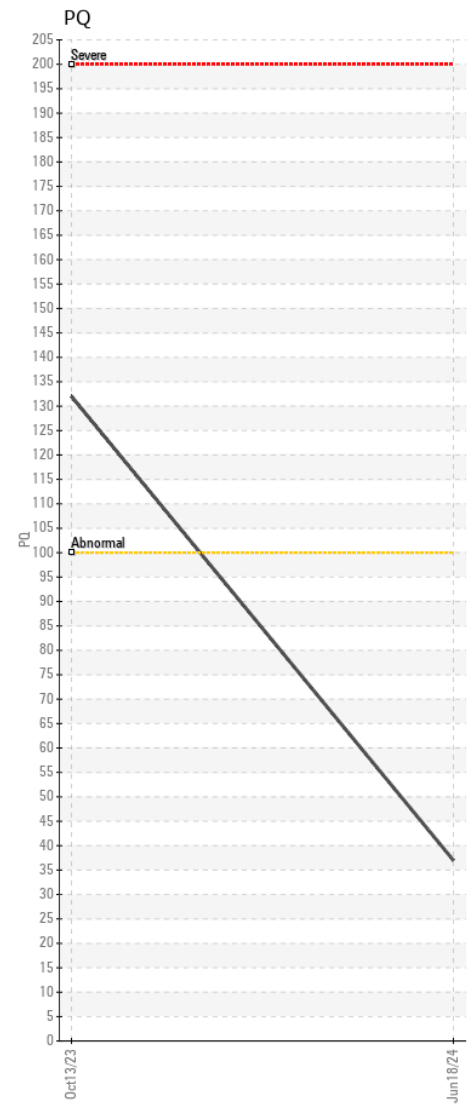
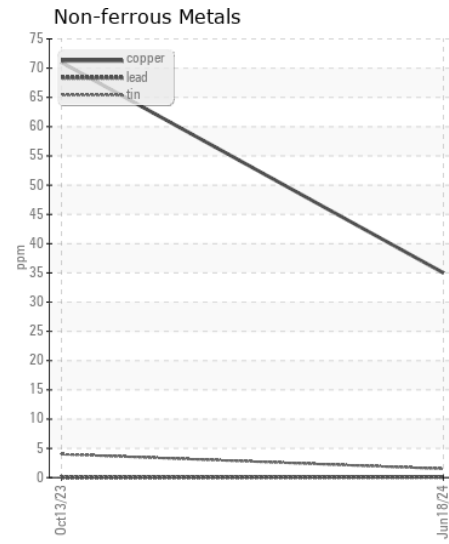
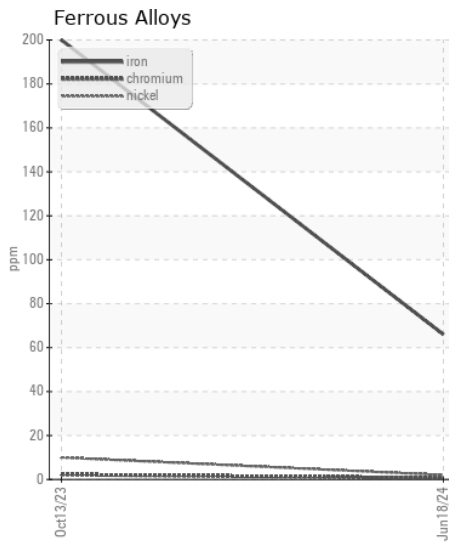
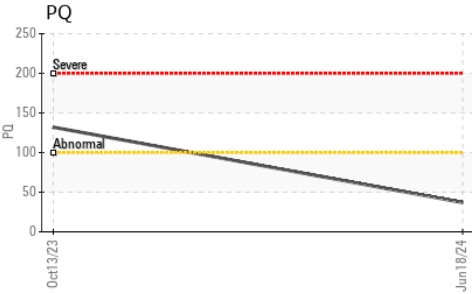
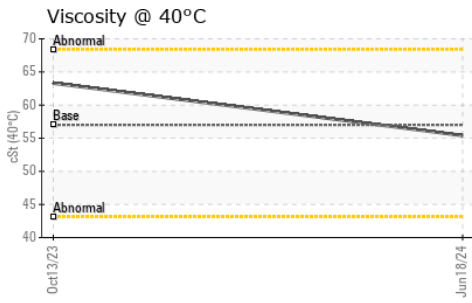
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	9	19	---
Potassium	ppm	ASTM D5185m	>20	0	<1	---
Water		WC Method	>0.1	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	>0.1	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	6	20	---
Boron	ppm	ASTM D5185m	6	15	109	---
Barium	ppm	ASTM D5185m	0	<1	0	---
Molybdenum	ppm	ASTM D5185m	0	5	0	---
Manganese	ppm	ASTM D5185m		13	40	---
Magnesium	ppm	ASTM D5185m	145	109	6	---
Calcium	ppm	ASTM D5185m	3570	3431	3503	---
Phosphorus	ppm	ASTM D5185m	1290	1061	1168	---
Zinc	ppm	ASTM D5185m	1640	1266	1518	---
Sulfur	ppm	ASTM D5185m		4021	3353	---
Visc @ 40°C	cSt	ASTM D445	57.0	55.4	63.3	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : LEC0051206

Lab Number : 06216002

Unique Number : 11088866

Test Package : CONST (Additional Tests: PQ)

Received : 20 Jun 2024

Tested : 22 Jun 2024

Diagnosed : 22 Jun 2024 - Wes Davis

LESLIE EQUIPMENT COMPANY

105 TENNIS CENTER DR.

MARIETTA, OH

US 45750-9765

Contact: LEANNE KENDALL

KendalLeanne@lec1.com

T:

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)

F: (740)373-5570