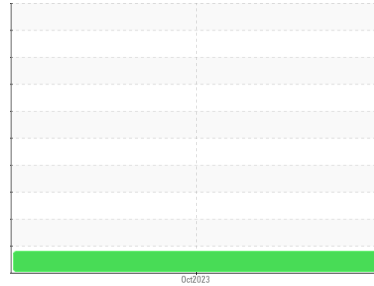




PROBLEM SUMMARY

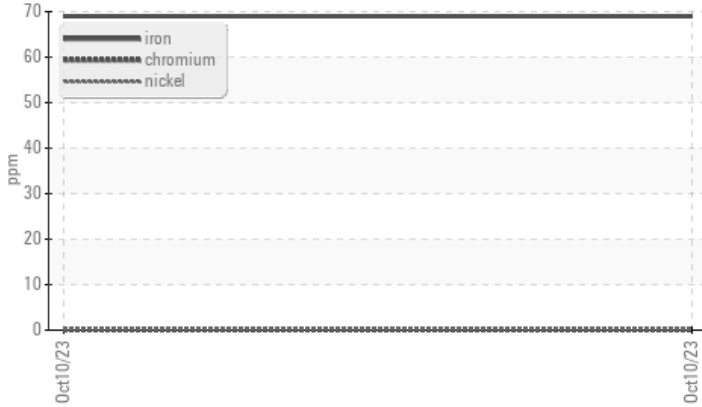
Area
Store 2 - Beaver [RO#144029]
 Machine Id
JOHN DEERE 460E 1DW460ETEFK697755
 Component
Transmission
 Fluid
JOHN DEERE HD SynTran (16 GAL)

Sample Rating Trend



COMPONENT CONDITION SUMMARY

▲ Ferrous Alloys



RECOMMENDATION

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

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
Iron	ppm	ASTM D5185m	>61	▲ 69	---	---

Customer Id: LESMAROH
Sample No.: LEC0043479
Lab Number: 05978445
Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data:

Don Baldrige +1
don.b505@comcast.net

To change component or sample information:

Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend

WEAR

Area

Store 2 - Beaver [RO#144029]

Machine Id

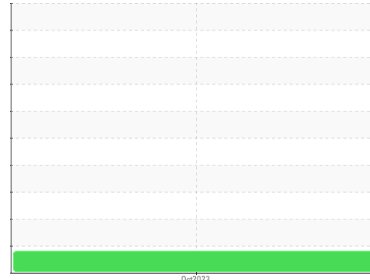
JOHN DEERE 460E 1DW460ETEFK697755

Component

Transmission

Fluid

JOHN DEERE HD SynTran (16 GAL)



DIAGNOSIS

▲ Recommendation

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

▲ Wear

The iron level is abnormal. All other component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		LEC0043479	---	---
Sample Date	Client Info		10 Oct 2023	---	---
Machine Age	hrs	Client Info	8168	---	---
Oil Age	hrs	Client Info	168	---	---
Oil Changed	Client Info		Not Chngd	---	---
Sample Status			ABNORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184	>100	33	---	---
Iron	ppm	ASTM D5185m	>61	▲ 69	---
Chromium	ppm	ASTM D5185m	>10	0	---
Nickel	ppm	ASTM D5185m		<1	---
Titanium	ppm	ASTM D5185m		0	---
Silver	ppm	ASTM D5185m		0	---
Aluminum	ppm	ASTM D5185m	>20	0	---
Lead	ppm	ASTM D5185m	>9	<1	---
Copper	ppm	ASTM D5185m	>100	1	---
Tin	ppm	ASTM D5185m	>3	0	---
Vanadium	ppm	ASTM D5185m		0	---
Cadmium	ppm	ASTM D5185m		0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	168	102	---
Barium	ppm	ASTM D5185m		0	---
Molybdenum	ppm	ASTM D5185m		<1	---
Manganese	ppm	ASTM D5185m		<1	---
Magnesium	ppm	ASTM D5185m		2	---
Calcium	ppm	ASTM D5185m	33	84	---
Phosphorus	ppm	ASTM D5185m	330	215	---
Zinc	ppm	ASTM D5185m	0	7	---
Sulfur	ppm	ASTM D5185m	980	1348	---

CONTAMINANTS

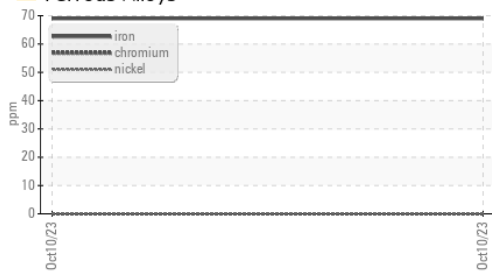
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>21	4	---
Sodium	ppm	ASTM D5185m	>30	0	---
Potassium	ppm	ASTM D5185m	>20	1	---

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.075	NEG	---
Free Water	scalar	*Visual		NEG	---

OIL ANALYSIS REPORT

▲ Ferrous Alloys



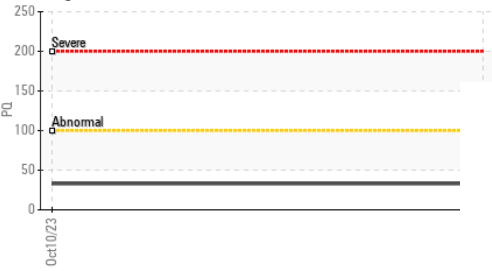
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	39	31.3	---

SAMPLE IMAGES

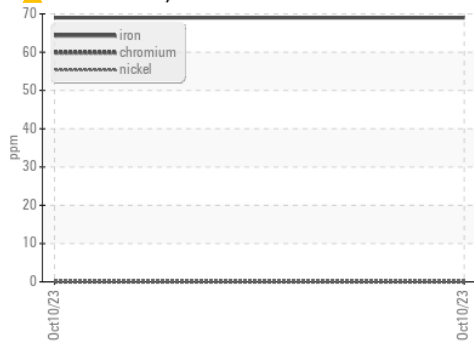
method	limit/base	current	history1	history2
Color			no image	no image
Bottom			no image	no image

PQ

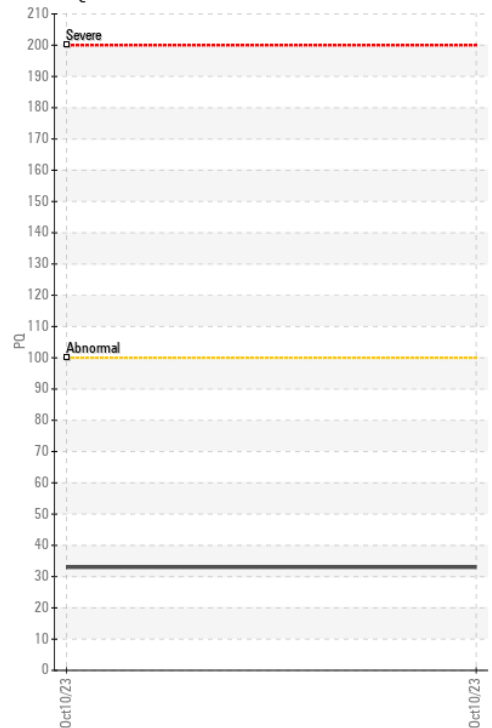


GRAPHS

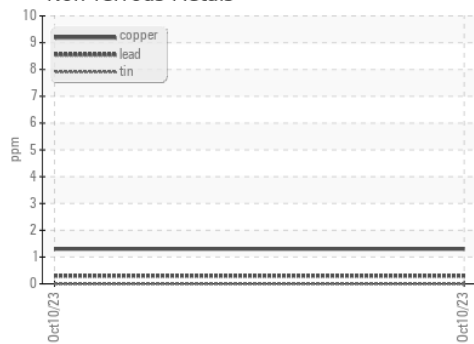
▲ Ferrous Alloys



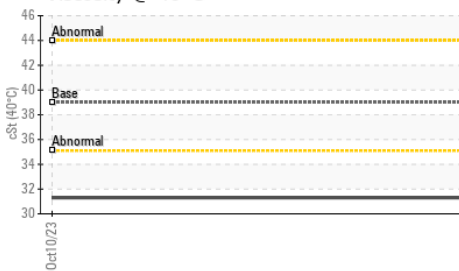
PQ



Non-ferrous Metals



Viscosity @ 40°C



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0043479 **Received** : 13 Oct 2023
Lab Number : 05978445 **Diagnosed** : 17 Oct 2023
Unique Number : 10695740 **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

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)