



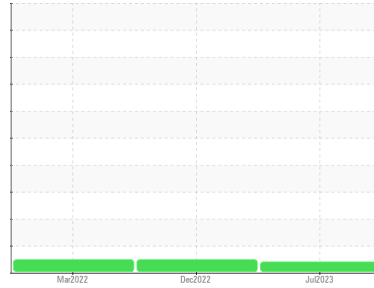
PROBLEM SUMMARY

Sample Rating Trend

VISCOSITY

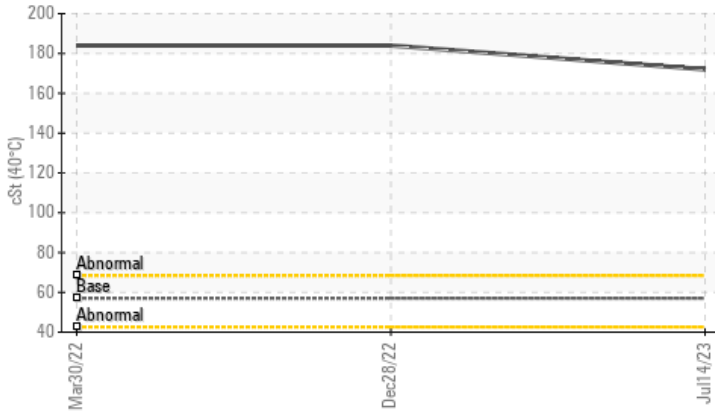


Area
Store 8 - Pikeville
 Machine Id
JOHN DEERE 130G 160-53-01 (S/N 1FF130GXAMF042821)
 Component
Swing Drive
 Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- GAL)



COMPONENT CONDITION SUMMARY

▲ Viscosity @ 40°C



RECOMMENDATION

Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ATTENTION	NORMAL	NORMAL
Visc @ 40°C	cSt	ASTM D445	57.0	▲ 172	184	184

Customer Id: PIKPIKFC
 Sample No.: LEC0042266
 Lab Number: 05904593
 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

28 Dec 2022 Diag: Sean Felton

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

view report



30 Mar 2022 Diag: Don Baldrige

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

view report





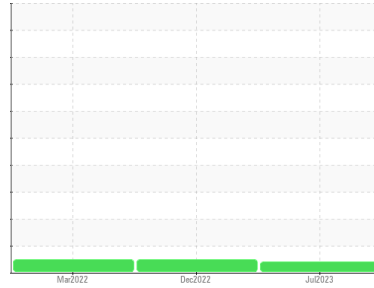
OIL ANALYSIS REPORT

Sample Rating Trend

VISCOSITY



Area
Store 8 - Pikeville
 Machine Id
JOHN DEERE 130G 160-53-01 (S/N 1FF130GXAMF042821)
 Component
Swing Drive
 Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- GAL)



DIAGNOSIS

▲ Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

▲ Fluid Condition

The oil viscosity is higher than normal. Confirm oil type.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		LEC0042266	LEC0037771	LEC0020232
Sample Date	Client Info		14 Jul 2023	28 Dec 2022	30 Mar 2022
Machine Age	hrs	Client Info	1469	1006	474
Oil Age	hrs	Client Info	0	0	0
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			ATTENTION	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184		43	35	67
Iron	ppm	ASTM D5185m >151	71	69	62
Chromium	ppm	ASTM D5185m >11	<1	<1	<1
Nickel	ppm	ASTM D5185m >10	<1	0	0
Titanium	ppm	ASTM D5185m	<1	0	<1
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >21	1	2	2
Lead	ppm	ASTM D5185m >51	<1	0	0
Copper	ppm	ASTM D5185m >51	<1	<1	<1
Tin	ppm	ASTM D5185m >10	<1	0	<1
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	<1	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 6	78	76	85
Barium	ppm	ASTM D5185m 0	14	7	0
Molybdenum	ppm	ASTM D5185m 0	0	0	0
Manganese	ppm	ASTM D5185m	2	2	2
Magnesium	ppm	ASTM D5185m 145	6	1	<1
Calcium	ppm	ASTM D5185m 3570	198	10	12
Phosphorus	ppm	ASTM D5185m 1290	536	474	524
Zinc	ppm	ASTM D5185m 1640	93	17	7
Sulfur	ppm	ASTM D5185m	15218	15760	12547

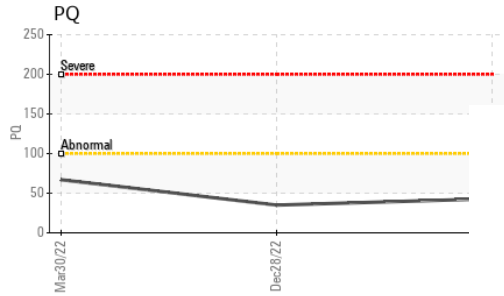
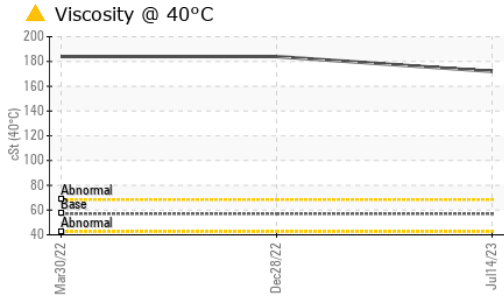
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >31	37	34	31
Sodium	ppm	ASTM D5185m >51	0	<1	0
Potassium	ppm	ASTM D5185m >20	3	<1	3

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	NONE
Debris	scalar	*Visual NONE	NONE	NONE	NONE
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 >0.1	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG

OIL ANALYSIS REPORT

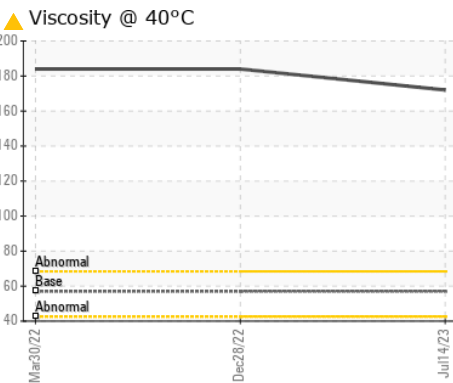
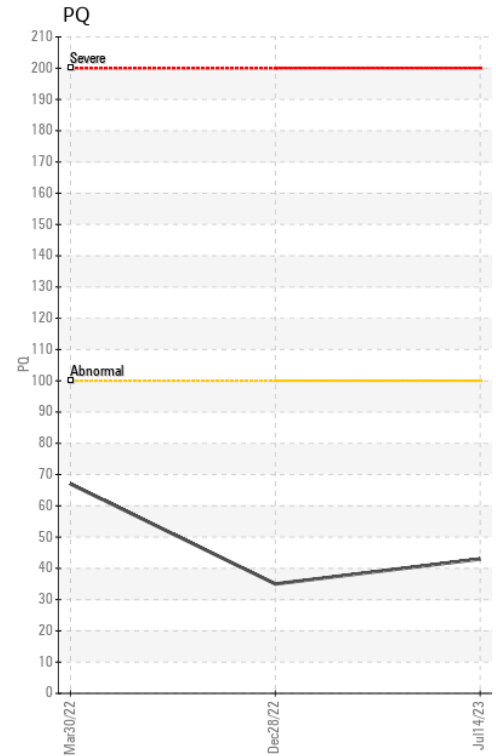
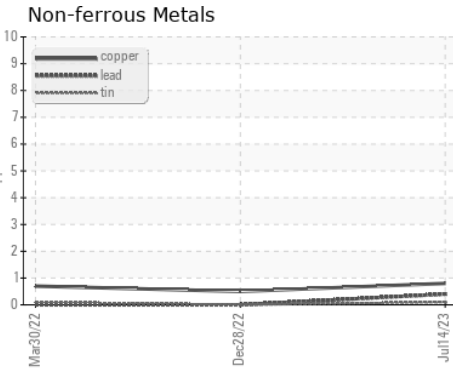
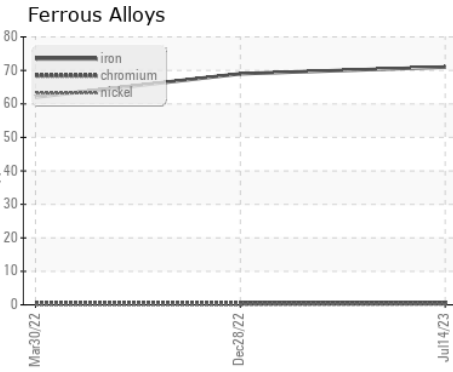


FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	57.0 ▲ 172	184	184

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0042266 **Received** : 21 Jul 2023
Lab Number : 05904593 **Diagnosed** : 25 Jul 2023
Unique Number : 10565949 **Diagnostician** : Don Baldrige
Test Package : CONST (Additional Tests: PQ)

PIKE COUNTY FISCAL COURT
 625 FORD MOUNTAIN RD
 PIKEVILLE, KY
 US 41501
 Contact: DARIN WHITT
 pcfcmg@gmail.com
 T: (606)631-4629
 F:

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)