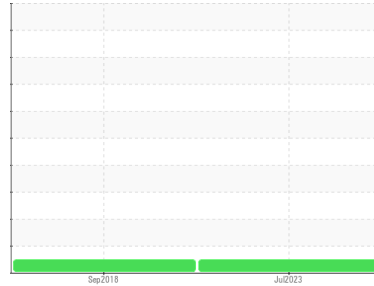


Machine Id
JOHN DEERE 1DW648LXCHF685318

 Component
Transmission (Manual)
 Fluid
NOT GIVEN (--- QTS)

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 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		JR0174983	JRMC461120	---
Sample Date	Client Info		14 Jul 2023	12 Sep 2018	---
Machine Age	hrs	Client Info	6576	457	---
Oil Age	hrs	Client Info	0	457	---
Oil Changed	Client Info		Not Changed	Not Changed	---
Sample Status			NORMAL	NORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184	>95	12	16	---
Iron	ppm	ASTM D5185m	>200	42	11
Chromium	ppm	ASTM D5185m	>5	<1	<1
Nickel	ppm	ASTM D5185m	>5	<1	<1
Titanium	ppm	ASTM D5185m		0	<1
Silver	ppm	ASTM D5185m	>7	2	0
Aluminum	ppm	ASTM D5185m	>25	1	<1
Lead	ppm	ASTM D5185m	>45	1	0
Copper	ppm	ASTM D5185m	>225	34	4
Tin	ppm	ASTM D5185m	>10	<1	0
Antimony	ppm	ASTM D5185m		---	0
Vanadium	ppm	ASTM D5185m		0	0
Cadmium	ppm	ASTM D5185m		0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	1
Barium	ppm	ASTM D5185m		0	<1
Molybdenum	ppm	ASTM D5185m		2	1
Manganese	ppm	ASTM D5185m		1	<1
Magnesium	ppm	ASTM D5185m		81	93
Calcium	ppm	ASTM D5185m		3326	3434
Phosphorus	ppm	ASTM D5185m		1014	1000
Zinc	ppm	ASTM D5185m		1242	1229
Sulfur	ppm	ASTM D5185m		3687	3153

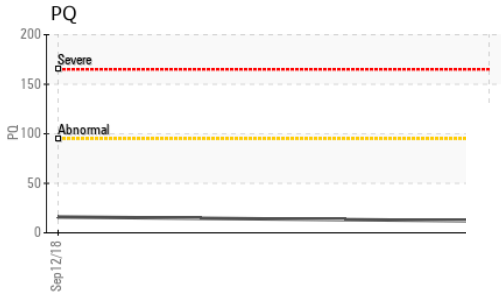
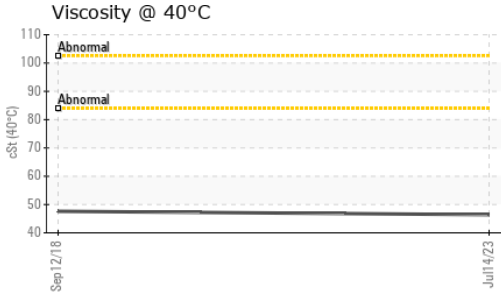
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>125	4	4
Sodium	ppm	ASTM D5185m		4	9
Potassium	ppm	ASTM D5185m	>20	4	10

VISUAL

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

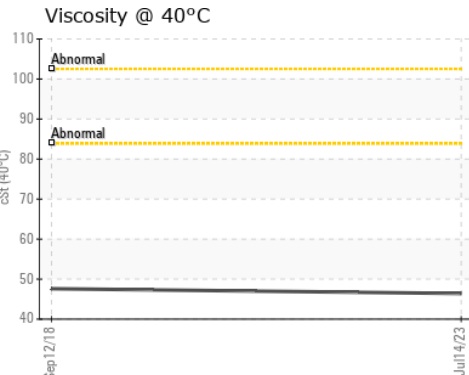
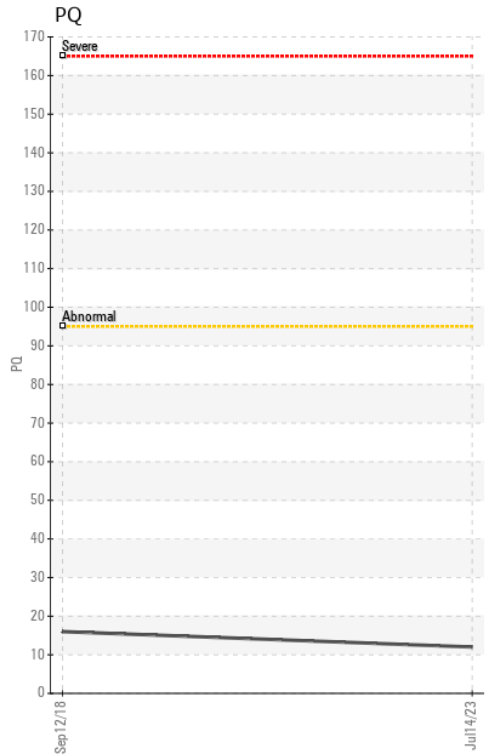
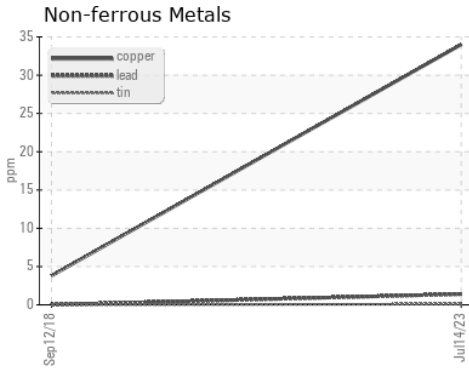
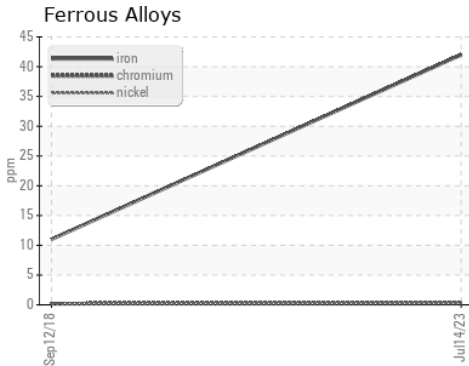
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46.4	47.61	---

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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0174983 **Received** : 17 Jul 2023
Lab Number : **05900198** **Diagnosed** : 19 Jul 2023
Unique Number : 10561554 **Diagnostician** : Jonathan Hester
Test Package : CONST (Additional Tests: PQ)

DEVIN LOGGING
 P.O. BOX 28
 WYLLIESBURG, VA
 US 23976
 Contact: SERVICE MANAGER

Certificate L2367
 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: (434)735-8620
 F: